

APDES ANNUAL REPORT 2017

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Coeur Alaska Inc.
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1.0 Introduction

This volume of the Annual Water Quality Monitoring Summary report contains the results of water quality monitoring conducted in 2017 in accordance with the requirements of the Alaska Pollutant Discharge Elimination System (APDES Permit No. AK0050571) for the Kensington Gold Mine, near Juneau, Alaska. A graphical presentation of water quality data collected at both outfalls and receiving water monitoring stations, along with tabular summary statistics is included in this summary report.

Please note that due to agency requests for historical data, graphical representation of data from 2006-2017 are presented for Outfall 001 and all receiving water stations with the exception of stations SMP-5 and SH113. SMP- 5 sampling began in 2009 and SH113 sampling began in 2007. Additionally, sampling at Outfall 002 did not commence until December 2010, in line with the commissioning of the Tailings Treatment Facility (TTF) Water Treatment Plant (WTP).

2.0 Methods

Monitoring of water quality at Outfall 001 (treated mine discharge) and Outfall 002 (treated tailings pond water) occurred during 2017 as required by the APDES permit. In addition to outfall sampling, monitoring was conducted at four receiving water streams (Johnson, Slate, Sherman and Ophir Creeks) for ambient upstream and downstream water quality. The following list describes the sampling activities at these outfalls and receiving water stations:

2.1 Monitoring Currently Active

- Continuous monitoring of flow and pH at Outfall 001 effluent; weekly water sampling of the effluent for analysis of field, general and trace parameters; monthly sampling of the effluent for whole effluent toxicity testing.
- Continuous monitoring of flow and pH at Outfall 002 effluent along with; weekly water sampling at Outfall 002 effluent for analysis of field, general and trace parameters; monthly sampling of the effluent for whole effluent toxicity testing. Monthly receiving water field, general and trace parameters from stations MLA, SMP-5 , SLB and SLC on Slate Creek; stations SH113, SH105, SH109 on Sherman Creek; stations JS2, JS4 and JS5 on Johnson

Creek. Stations SH111 and SH103 on Ophir Creek. Additionally the Outfall 001 Compliance Schedule was implemented for further monitoring of white residue at the Comet Water Treatment Plant and the Outfall 001 discharge to Sherman Creek.

2.2 Monitoring Currently Suspended

- No monitoring was suspended during 2017.

2.3 Monitoring Changes during 2017

The APDES permit was renewed midway through 2017. Resulting in multiple changes to the monitoring program. The following parameters at Outfall 001 are no longer required to be monitored: total recoverable arsenic, total chromium, chromium VI, total recoverable silver, hardness at Site #5. Added monitoring: daily monitoring of total residual chlorine.

At Outfall 002 total recoverable arsenic, total chromium and chromium VI are no longer required to be monitored. Added monitoring: dissolved oxygen and chlorine (only if breakpoint chlorination treatment is added).

Multiple permit limits changes were implemented for both Outfall 001 and Outfall 002 which are detailed in the current APDES permit.

Receiving water monitoring continued at four creeks, Sherman Creek, Ophir Creek, Johnson Creek and Slate Creek. Some receiving water monitoring changes occurred as a result of the APDES permit renewal. Arsenic, chromium and silver are no longer required to be monitored. Total residual chlorine was added to the monitoring suite and all remaining dissolved metal requirements were dropped and replaced with total recoverable metal monitoring.

3.0 QC Summary

3.1 Plan QC

Coeur Alaska has complied with the approved Quality Assurance Project Plan (QAPP) for the 2017 water quality data. At least ten percent of all lab reports are reviewed for issues pertinent to the five categories of quality control:

- Precision
- Accuracy
- Comparability

-
- Representativeness
 - Completeness

Based on the results of this review, lab reports, individual samples, or individual parameters within samples may be qualified on a variety of issues as:

- Accepted
- Estimated
- Rejected

No data were rejected from the 2017 dataset. Included in Table 23 is a list of qualified data. During 2008, Coeur implemented the practice of completing the QA/QC review of all data gathered for the NPDES permit on a monthly basis in conjunction with preparation of the monthly Discharge Monitoring Report. This was continued through 2017 to allow for timely resolution of any issues identified during the QA/QC review with the contract laboratory or field personnel.

3.1.1 Precision- Field Blind Duplicate Comparison

Precision is a qualitative measure of the reproducibility of a measurement under a given set of conditions. Precision in the analytical results of laboratory analysis is determined by laboratory quality control measures such as duplicate matrix spikes and sample duplicates. The plan criterion for laboratory precision is a relative percent difference between duplicate samples of less than or equal to 20%. In addition, field blind duplicate sample pairs, which are collected throughout the year, are also used as a quality control for precision in the laboratory results.

Receiving water sample field duplicates are selected and collected on a random basis. The total number of receiving water field duplicates collected during 2017 was 35 and the total number of outfall field duplicates collected in 2017 was 24. The relative percent difference (RPD) was calculated for each duplicated parameter. 5.5% of all duplicated receiving water parameter results were greater than 20% RPD and therefore did not pass the precision criteria. Compared with previous years receiving water duplicates in 2016 had a 5.1% failure rate, 2015 had a 4.5% failure rate, 2014 had 3.5% failure, 2013 had a 4.0% failure, 2012 had a 7.5 % failure, 2011 had a 5% failure,

9% in 2010, 6% in 2009, 7% in 2008 and 12% in 2007. In 2016 outfall blind duplicate samples were incorporated into precision duplicate program. In 2016 7.9% of outfall duplicates failed. 2017 saw a reduction in outfall duplicate failures with a rate of 6.0%. The results of comparisons between duplicate sets are tabulated in Appendix A.

3.1.2 Accuracy

Accuracy in the analytical results of laboratory analysis is determined by percent recovery of laboratory quality control measures such as matrix spikes, control samples and method blanks. The criterion for accuracy in most analytical procedures is a percent recovery between 85 and 115 percent. The general chemistry and metals chemistry blank analyses data are included in Appendix C. To ensure high accuracy of field data collection, field meters were calibrated prior to each sampling event throughout the 2017 monitoring.

3.1.3 Representativeness

Representativeness is controlled by sampling plan design, sampling techniques and sample handling procedures.

3.1.4 Comparability

Comparability is maintained by using consistent sampling and analytical methods as well as consistent units of measurement. ALS Environmental, formerly Columbia Analytical Services located in Kelso, Washington has conducted all NPDES/APDES water quality analyses since March 2008. This has helped maintain comparability within data sets. In addition, the sample and data management process is comparable to previous years.

3.1.5 Completeness

As stated in the QAPP for the Kensington Gold Project, the completeness criterion goal for monitoring data is 90% due to the extreme weather conditions observed on site. Overall data capture was 100% for 2017, this includes both outfalls and the four receiving waters.

3.2 Detection

The laboratory Practical Quantitation Limit (PQL) remained consistent for each analytical method during 2017 for all water quality monitoring. Dissolved arsenic, total chromium, nickel, silver and total residual chlorine were not detected in any samples collected from the receiving water stations on Slate, Sherman, Ophir and Johnson Creeks. Cadmium was not detected at Johnson Creek but was periodically detected at Ophir, Sherman and Slate creeks. Selenium remained undetected throughout the year at Johnson, and Ophir Creeks. Selenium was detected three times on Slate Creek and once on Sherman Creek. Aluminum was present at all receiving water stations. Manganese was detected in all Slate Creek and Johnson Creek samples. Manganese was detected eight times in the background Sherman Creek samples, and was present in all downstream samples. Sherman Creek copper concentrations throughout the year were low with the highest concentration at SH113. Zinc was not detected at any of the three Sherman Creek sites in 2017. The upstream Ophir Creek site had detectable levels of aluminum and zinc all other metals remained undetected throughout the year. The downstream Ophir Creek site had detectable levels of aluminum, cadmium, copper, manganese, mercury and zinc; the remaining metals at SH103 were non-detect for 2017. Johnson Creek contained aluminum concentrations throughout the year. Arsenic, cadmium, chromium, lead, nickel, selenium, silver and zinc were not detected at all three Johnson Creek sites. Following typical trends, the number of undetected metals per site among the four receiving water streams was highest in Ophir Creek, followed by Johnson Creek, then Sherman Creek and lastly Slate Creek.

As expected, sulfate and hardness parameters were detected in all samples collected from all stations on each of the four receiving water creeks. TDS was highest in downstream samples from Ophir. Conductivity was highest in downstream samples collected on Slate Creek and Ophir Creek sites. Conductivity remained low throughout the year in Johnson Creek. Conductivity in Johnson Creek increased downstream. Following a typical trend, hardness was lowest in Johnson Creek, followed by Ophir Creek, Sherman Creek and then Slate Creek.

Low-level detection limits, provided through the use of method 1631, were used to determine mercury concentrations in the receiving waters. In 2017, low concentrations of mercury were detected in 5 samples at Johnson Creek, one at station JS2, four at station JS4 and was not detected at station JS5. At Sherman Creek, mercury was detected at SH109 six times and was detected in ten

samples from SH113 and six samples from SH105. Ophir Creek had five detectable levels of mercury at both the background and downstream sites. In the case of Slate Creek, mercury was detected periodically throughout the year. MLA had the most detectable results with eleven followed by SLC with ten detectable results; the remaining stations SMP-5 and SLB had seven and nine respective results.

4.0 General Major Chemistry

Area waters generally:

- Have peak water temperature in August or September
- Are at or near oxygen saturation
- Have mildly basic pH
- Seasonal fluctuation of conductivity with peak values in the winter
- Contain low levels of sulfate
- Are generally soft (in most cases <100ppm hardness)
- Have low concentrations of dissolved and total recoverable metals

5.0 Summary Statistics

Summary statistics were calculated for all parameters at each outfall and receiving water station. The calculations include the minimum, maximum, range, arithmetic mean and standard deviations for each monitoring station contained in the 2017 data set. The results are presented in Tables 7 through 20. Also included in the summary tables are the total number of samples collected, total number of non-detect results and the percentage of non-detects.

6.0 Watersheds

Upstream/downstream receiving water monitoring stations are present on Johnson, Slate, Ophir and Sherman Creeks. A comparison of the chemistry between these station pairs is discussed below. Tables 1 through 6 contain the monitoring parameters that remained undetected for the entire year at each station.

6.1 Receiving Waters- Johnson Creek

Monitoring Sites

- JS2- Johnson Creek upstream of disturbance
- JS4- Johnson Creek downstream of Bridge 1
- JS5- Johnson Creek downstream of mill process area and Bridge 2

6.1.1 Major Chemistry

Water quality monitoring on Johnson Creek was intended to identify potential impacts from mill facility construction and operation. The water sampling sites are somewhat confusingly labeled since JS5 lies downstream of Bridge 2, which is between JS2 (background, upstream site) and JS4 (downstream of Bridge 1). Water quality at Johnson Creek shows some seasonal trends for temperature, TDS, nitrate, pH, and sulfate. A slight increase of conductivity, turbidity, TDS, sulfate, hardness, and color is also seen from upstream to downstream, particularly in winter months (Figures 6 - 8). Average upstream temperature was higher at the background site JS2 than the two downstream sites. Similar to last year, the peak temperature for Johnson Creek in 2017 was recorded at JS4 in August (8.0°C) and lowest at JS4 in January (0.0°C). Nitrate was present at all sites, with slightly higher concentrations at the downstream sites. During 2017 nitrate followed typical trends with lower concentrations during summer and peak values in winter. pH trended similarly among the Johnson Creek sites, with the highest value of 8.11 s.u. at JS4 occurring in November.

Sulfate showed consistent increases downstream through the year with both downstream sites being higher in winter and early spring and lower in summer. The highest sulfate level was 17.4 mg/L at JS4 in December. Dissolved oxygen was similar among the Johnson sites throughout 2017, ranging 11.7–14.3 mg/L. Conductivity measurements were consistently higher downstream throughout 2016. Annual mean conductivity values for the three sites were JS2: 21.8 umhos/cm, JS5: 45.1umhos/cm and JS4: 54.9 umhos/cm. Turbidity was less than 2.5 NTUs at all sites throughout the year. Total dissolved solids increased from upstream to downstream with the highest result of 89 mg/L in March at JS4. Average hardness showed increases downstream during 2017. Hardness varied throughout the year at JS2, with a low of 13.5 mg/L in August and high of 50.9

mg/L in March. The downstream sites varied somewhat with JS5 ranging from 17.9 to 49.7 mg/L. JS4 ranged 25.6 to 63.3 mg/L. Color was not detected at JS2 during 2017. Color was detected periodically at JS4 and JS5 throughout 2017 with a peak value of 20 cu seen at both sites in September.

Chloride was detected in six samples in 2017 at Johnson Creek sites. In 2017 ammonia remained undetected for the year. TSS was detected twice in 2017 once at JS4 and once JS5. Whereas in 2016, TSS was not detected on Johnson Creek.

As a result of the new APDES permit becoming effective June 2017 total residual chlorine (TRC) was required to be monitored at all three Johnson Creek sites. TRC was non-detect in all samples at all three Johnson Creek stations June to December 2017.

6.1.2 Trace Chemistry

The majority of total and dissolved metals tested at Johnson Creek were not detected at any sites throughout year. These included arsenic, cadmium, chromium, lead, nickel, selenium, silver and zinc. Concentrations of aluminum tended to be higher at downstream sites (JS4 and JS5) than the upstream site (JS2) throughout 2017. The highest aluminum level recorded in Johnson Creek in 2017 was at JS4, 98.7 ug/L, in September. This demonstrated an increase from 2016 when the peak aluminum value of 75.4 ug/L occurred at JS5. However two years previously, aluminum concentrations in 2015 were higher, the peak aluminum value was 147.0. Manganese was slightly elevated at the downstream sites in 2017; the highest value of 17.0 ug/L was recorded at JS4 in September. Manganese never exceeded 2.5 ug/L at JS2 throughout the year.

Mercury in 2017 was detected once at JS2 and JS4 showed four detectable results, while JS5 had no detectable results. The peak 2017 mercury result of 0.0015 ug/L occurred at JS4 in April and again in September. Overall, compared to 2016, 2017 showed a decrease in mercury detections. Beginning in 2006 dissolved zinc was detected at all Johnson Creek sites periodically through 2011. Zinc detection decreased in 2012 and was detected only twice. Since 2013 zinc has not been detected at any of the Johnson Creek stations.

Comparison with 2006 to 2012 data shows that Johnson Creek pH was slightly lower than previous years. In 2013 the higher pH values trended towards 7.5 s.u. whereas in previous years the higher values trended towards 8.5 s.u. Average pH values in 2016 were slightly higher than the previous year, with mean pH ranging 7.1 to 7.2 at the three stations. pH in 2017 trended slightly higher than 2016, with maximum values reaching 8.0 to 8.1 at all three sites.

Similar to the previous year turbidity in 2017 reached a peak result of 2.4 NTU. In 2016 peak turbidity was 2.67 NTU whereas in 2015 all values remained below 1.55 NTU. TSS was found at the detection level of 4.0 mg/L twice at Johnson Creek otherwise it was non-detect for 2017. TSS remained non-detect for all of the Johnson Creek sites in 2016. In 2015, JS2 had all non-detect TSS results, whereas JS4 had two detectable results and JS5 one detectable result.

The occurrence of mercury decreased in 2017 compared to the previous year, in 2017 mercury was found in five samples whereas in 2016 it was detected ten times. In 2015 mercury was measured five times. In 2014 mercury concentrations occurred once in Johnson Creek. In 2013 mercury was detected five times, whereas it was detected on eight occasions in 2012, five in 2011, three times in 2010, twice in 2009 and once in 2008.

Similar to the last two years, manganese did not exceed 15 ug/L at any of the Johnson Creek stations. In 2014 the peak value did not exceed 12 ug/L. Manganese concentrations in 2014 through 2017 were considerably lower than 2013, peak 2013 result was 42.8 mg/L. Copper was not detected from 2006 to 2009, but did appear in November 2010 and again in four instances in 2011. In 2012 copper was detected twice with both results having concentrations lower than the previous year. In 2013 copper was detected once at each Johnson Creek site. Continuing a downward trend, copper was not detected in 2014. Similar to the previous year, in 2015, copper was found only once at the detection level. Like two years prior, copper remained undetected in 2016 at all three Johnson Creek stations. In 2017 the occurrence of copper increased compared to previous years. Copper was detected three times at each of the downstream sites but remained undetected at the background site. Nickel has not been detected in Johnson Creek since September of 2007.

Nitrate levels showed a similar pattern to previous years, with concentrations trending higher in late spring and again increasing in fall but not exceeding 1.8 mg/L. Sulfate levels also showed a similar pattern to previous years, being lowest in the summer months; sulfate concentrations did not exceed 17.4 mg/L in 2017.

Across all three Johnson Creek stations there was a decrease in ammonia concentrations, ammonia was non-detect throughout 2017. Ammonia was found on four occasions in 2016, the highest value of 0.47 mg/L was measured at the background site in October. Throughout 2015 ammonia remained non-detect in Johnson Creek. During 2014 ammonia was found once at JS-2 and remained undetected at JS-4 and JS-5. In 2013 ammonia was not found at JS-2 and JS-4 and was detected once at JS-5 in July. Ammonia was not detected in 2012 or 2011 at all Johnson Creek sites. Ammonia was detected twice at very low levels in 2010 and was previously detected at the end of 2006 and 2007 and in January 2008.

6.2 Receiving Waters - Slate Creek

Monitoring Sites

- MLA- Middle Lake Slate Creek upstream of disturbance
- SMP-5 (Site #5) – Downstream of the tailings impoundment dam
- SLB – East Fork Slate Creek upstream of confluence with West Fork Slate Creek
- SLC- Slate Creek downstream of confluence with West Fork Slate Creek

6.2.1 Major Chemistry

Water quality monitoring on Slate Creek in 2017 was intended to identify potential impacts from the Tailings Treatment Facility (TTF). Figures 9 through 12 are graphical representations of analytical results gathered throughout the year. Compared to the other streams, Slate Creek was the warmest, most likely due to the presence of lakes in the system that warm in summer due to their large surface area. Only Upper Slate Lake contributes to this warming affect now, as Lower Slate Lake has been converted to a Tailings Treatment Facility and stream flow is diverted around the TTF. MLA is the sampling site upstream of the TTF, SMP-5 is approximately 200 meters downstream of the tailings impoundment dam. SLB is approximately 1.6 kilometers downstream of the tailings treatment area and SLC is 10 meters further downstream from SLB and receives water from both east and west forks of Slate Creek. Temperatures on Slate Creek in 2017 were overall

lower compared to 2016, the highest 2017 temperature recorded at SMP-5 was 16.3°C whereas the highest temperature in 2016 was 18.2°C, at MLA.

In 2017 pH values were similar to the previous year with values at all sites ranging between 6.7 and 8.2 s.u. for the year. The peak pH value of 8.2 occurred at MLA in June. Dissolved oxygen measured at Slate Creek stations showed a seasonal trend similar to those of the other receiving water streams, higher in winter months and lower in summer months. Dissolved oxygen (DO) measurements at all Slate Creek sites increased from upstream to downstream, likely due to aeration from cascades and rapids further downstream. The lowest 2017 Slate Creek DO was observed at MLA in July which was 8.38 mg/L. This was similar to 2016's lowest value of 7.97 mg/L also found at site MLA. In 2015 the lowest DO result of 9.03 mg/L occurred at MLA.

Chloride followed a historical trend. Its highest value was found at both SMP-5 and SLB (13.7 mg/L) with MLA less than 2.0 mg/L and SLC demonstrating a chloride range of 1.9 mg/L to 10.1 mg/L. Overall Slate Creek chloride concentrations have remained much the same for the last eleven years.

As a result of the new APDES permit becoming effective June 2017 total residual chlorine (TRC) was required to be monitored at all four Slate Creek sites. TRC was non-detect in all samples at all four Slate Creek stations June to December 2017.

Conductivity was higher at the downstream sites in Slate Creek and the highest result occurred at SMP-5 in July (458.2 umho/cm). This was slightly greater than last year's peak conductivity result of 432.7 umho/cm. But lower than the 2015 maximum value of 497.8 umho/cm. Sulfate values were greatest at the downstream sites. Sites SMP-5 and SLB showed the greatest downstream increase when compared to the background site. The highest sulfate value in 2017 occurred at SMP-5 in November (241 mg/L). This was an increase over last year's peak value also at SMP-5 (180 mg/l). In 2014 and 2015 the highest sulfate values were 239 mg/L and 194 mg/l respectively. Similar to the previous year sulfate at MLA remained less than 6.0 mg/L throughout 2017. Throughout 2017 little variation in turbidity occurred among the Slate Creek sites; all turbidity values remained below 1.1 NTU. Also in 2016 turbidity was low at all sites with the exception of one value of 7.2 NTU at SLB, which accounted for the peak 2016 value.

Ammonia at the background site trended slightly lower than 2016, in 2017 all samples were non-detect. Much like previous years, ammonia at SMP-5, SLB and SLC ranged from 0.38 mg/L to 1.47 mg/L. Nitrate has not been detected at MLA since 2013. The peak 2017 nitrate result occurred at SMP-5 in November.

Hardness at the background site remained below 75mg/L for 2017. Downstream hardness reached 277 mg/l at SMP-5 in November and the remaining downstream sites both reached respective peak values of 260 mg/L and 207 mg/L. In 2017 TDS at the background site ranged 25 mg/L to 114 mg/L. However a broader range for TDS occurred in 2016 at MLA which ranged from 42 – 202 mg/L. In 2015 the TDS range was considerably less at 24 mg/L - 82 mg/L. However SLB, SLC and SMP-5 demonstrated levels similar to previous years with a peak value of 492 mg/L at SMP-5 in November. TSS was below detection limits at all four stations throughout 2017 this was also the case for the previous five years.

Color showed slight variation among the Slate Creek site with results greatest at MLA and decreasing at the downstream sites. Some color is attributable to tannins in the water associated with vegetation die-off in the lakes and muskegs. The West Fork has no lakes so it would be expected to have less color and have a dilution effect on SLC, such was the case in 2017 with the lowest color average for the year reported at SLC. This followed a similar trend with past years.

6.2.2 Trace Chemistry

Trace metals not detected in Slate Creek during 2017 were arsenic, chromium, nickel, silver and zinc. Manganese tended to be higher in the second half of the year with the highest result of 96.3 ug/L at MLA (Figures 9-12), similar to the 2016 peak result of 95.6 ug/L also at MLA. In 2015 MLA had a lower peak value of the 64.7 ug/L.

Aluminum was found in all samples from the Slate Creek sites with the highest at site SLB reaching 120 ug/L in August. This was likely due to the contribution of the background site which had a result of 119 ug/L during the same sampling event. Aluminum concentrations were much the same in 2016. However the aluminum result were considerably higher in 2015 when the peak aluminum value was 242 ug/L also at MLA. Please note, effective October 24th, 2013 Upper

Tolerance Limits (UTLs) were established for the Slate Creek sites which resulted in all Slate Creek aluminum result below water quality limits.

Iron levels tended to be higher at the background site and trended lower at the downstream sites. The lowest iron levels among all sites occurred in early summer. All samples throughout 2017 were below the iron WQS of 1 mg/L.

Similar to 2016, one elevated result of manganese was observed at MLA in November 2017 (96.3 ug/L). All downstream sites returned lower manganese concentrations with all remaining below 40 ug/L throughout 2017. This down from 2016 when peak downstream values approached 70 ug/L. In 2015 the peak manganese result was 64.7 ug/L. In 2013 and 2014 peak values during those two years were greater than 100 ug/L.

Zinc was detected five times at SLB in 2017. Zinc was found in two samples during the year at MLA, one of which was the highest result among the four sites, 3.8 ug/L in October. SMP-5 had five detectable zinc results which did not exceed 3.1 ug/l. Zinc was found three times at SLC in 2017, with a peak value of 3.0 ug/L in September. Overall Zinc followed similar trends as the three previous years of monitoring on Slate Creek.

Similar to previous years, mercury was detected at very low levels in the majority of samples collected from all Slate Creek monitoring stations – SMP-5 had the least detections. The values among sites trended similarly. The highest mercury result in 2017 occurred at station SLC (0.0035ug/L) down from last year's peak value of 0.0060 ug/L also at SLC.

Much like the previous year, pH trended similarly among the Slate Creek sites in 2017, site MLA had the highest result of 8.17 s.u. in June, the lowest result occurred at site SLC, 6.53 s.u. in October. Sulfate was relatively low at all Slate Creek sites through 2006 and up to June 2007, remaining below 5 mg/L. Sulfate increased at SLB and SLC from August 2007 to February 2008 and showed a peak of 16 mg/L at SLB in April 2008. Levels dropped again in May 2008, but again increased to around 15mg/L in September 2008 with another peak in September 2009. Sulfate levels approached 17 mg/L in March 2010, but the greatest increase was seen in December 2010 when sulfate reached 85 mg/L. 2011 showed an increase in sulfate levels for all stations except MLA. In 2012 sulfate showed a significant decrease compared to 2011. The highest sulfate levels occurred at stations SMP-5 and SLB with respective values of 166 and 187 mg/L. Compared to previous years,

sulfate in 2013 demonstrated an upward trend with the greatest values occurring at sites SMP-5 and SLB. Their respective sulfate peaks were 225 mg/L and 214 mg/L, both below the WQS of 250 mg/L. Similar to the previous year, sulfate in 2014 demonstrated a slight upward trend. In 2014, the highest sulfate results occurred at sites SMP-5 and SLB with respective values of 239 mg/L and 220 mg/L. In 2015 sulfate demonstrated a downward trend. The lowest concentrations were found at the background site. Site SLB had the greatest sulfate value found in June (206 mg/L). Once again throughout 2016 sulfate trended downward. The peak sulfate result of 180 mg/L occurred at SMP-5 in July. Sulfate in 2017 demonstrated an increase at the downstream sites, while MLA displayed historical trends. The peak downstream sulfate value was 241 mg/L at SMP-5 in November, still under the WQS of 250 mg/L.

Nitrate was present at low levels (<0.2 mg/L) during 2006 and occasionally in 2007 and early 2008. It was not detected between April 2008 and February 2009 but appeared again at all sites from March to June 2009 (around 0.35 mg/L). This contrasted with 2010 when no nitrate was detected at MLA and only very low levels were present at SLB in March and May (<0.1 mg/L) followed by an increase at SLB in December (0.36 mg/L). Similar to 2010, in 2011 MLA did not have detectable levels of nitrate with the exception of one result in May of 0.055 mg/L. 2012 demonstrated consistently low levels of nitrate for the majority of the year at all sites, however the last quarter of the year showed an upward trend at all sites with the exception of MLA. Again in 2013 nitrate was not detected at site MLA. At the downstream sites SMP-5, SLB and SLC nitrate fluctuated with peak values in March and August, the greatest occurring at SMP-5 (3.19 mg/L), but remaining below the WQS of 10 mg/L. In 2014, nitrate was not detected at the background site but was present in the majority of the downstream samples. In 2015, site SLB had the highest nitrate result of 3.39 mg/L in April. Similar to the previous year nitrate was not detected at site MLA. Concentrations at the downstream sites were slightly higher than 2014's values. The peak value of 4.8 mg/L was found at SMP-5 in June. Much like previous years, nitrate was not detected at MLA throughout 2016. The remaining downstream sites exhibited low concentrations of nitrate during the year, with all sites remaining below 5.2 mg/L. Again in 2017 nitrate was not detected at the background site but was present at low concentrations in all downstream samples. The highest concentration was found at site SMP-5, 5.14 mg/L.

In 2017 one conductivity value at MLA is considered an outlier with a result of 308.6 umho/cm in September, the remaining eleven results were under 93 umho/cm. The downstream sites in 2017 demonstrated historical conductivity trends with no notable peaks in 2017. During 2016 conductivity at MLA closely matched the previous year, ranging 37.4 umho/cm to 100.7 umho/cm. The downstream sites demonstrated slightly lower conductivity patterns SMP-5 ranged 71.9 to 432.7 umho/cm, SLB 143.4 to 430.7 umho/cm and SLC 78.9 to 309.8 umho/cm. In 2015 conductivity at MLA remained below 116 umho/cm. SMP-5 ranged from 36.8 umho/cm to 498.7 umho/cm. SLB ranged from 39.3 umho/cm to 474 umho/cm and SLC with slightly lower results ranged from 38.5 umho/cm to 393.5 umho/cm. In 2014 conductivity at MLA remained below 130 umho/cm. Sites SMP-5 and SLB had a greater range of values. SMP-5 ranged between 57 umho/cm to 411 umho/cm and SLB ranged between 66 umho/cm to 383 umho/cm. SLC's conductivity was lower compared to SMP-5 and SLB; conductivity ranged between 59.2 umho/cm to 285 umho/cm at SLC. In 2013 conductivity remained below 200 umho/cm at MLA and SLC, however SMP-5 and SLB showed a greater range with fluctuations between 53.8 umho/cm and 489 umho/cm. Similar to 2013, during most of 2012, conductivity typically ranged from around 100 umho/cm to 300 umho/cm at MLA and SLC. However, at SMP-5 and SLB higher levels occurred January through March ranging from 379 umho/cm to 572 umho/cm.

TDS typically fluctuated from 60 to 80 mg/L among all Slate Creek sites in 2006, increasing slightly in August 2007 when MLA reached 100 mg/L, SLB reached 110 mg/L and SLC registered 710 mg/L. MLA showed a peak of 180 mg/L in November 2007, while downstream sites remained less than 100 mg/L. In 2013 TDS at MLA remained below 81 mg/L for the year whereas the downstream sites yielded higher values. SMP-5 recorded the highest TDS result of 467 mg/L followed by SLB (424 mg/L) and SLC (213 mg/L). TDS at MLA in 2014 remained below 80 mg/L. Downstream the peak TDS value was 425 mg/L recorded at SLB followed by SMP-5 (415 mg/L) and SLC (298 mg/L). TDS at MLA in 2015 remained below 83 mg/L. As expected the downstream sites had greater values. The downstream peak value occurred at SLB (430 mg/L), followed by SMP-5 (404 mg/L) and SLC (328 mg/L). In 2016 TDS followed historical trends. TDS at MLA peaked at 202 mg/L and as expected the downstream sites had higher results. SMP-5's peak was 411 mg/L, SLB 417 mg/L and SLC 344 mg/L the lower result is likely due to the influence of West Fork Slate Creek. TDS at the downstream site in 2017 demonstrated a slight uptick. SMP-5 returned a peak

value of 492 mg/L. SLB also showed slightly higher values with a peak of 469 mg/L and SLC trended slightly upward with a peak of 363 mg/L. SLC's lower value can likely be attributed the contribution of the West Fork Slate Creek. 2017 TDS at the background site remained below 115 mg/L.

In 2006, color was very similar at MLA and SLB remaining around 40cu through the first part of the year then increasing in October to 120cu at MLA and 130cu at SLC. MLA tended to show the highest color in 2007, 2008, and 2009 with color reaching a maximum of 210 cu in September 2007. Color in 2014 followed a similar trend with MLA registering the greatest color value of 140 cu. SMP- and SLB both had peak values of 120 cu and SLC remained at 70 or less cu for the entire year. During 2015 color again was highest at MLA with a peak value of 100 cu. SMP-5 returned values ranging 5 cu to 90 cu. SLB values ranged 10 cu to 70 cu and similar to previous years SLC yielded to lowest results with all values remaining 60 cu or lower throughout the year. Again in 2016 MLA yielded the highest color values with a peak of 100 cu. As expected the subsequent downstream sites demonstrated lower values. It appears the further the site is located from the influence of a lake system the lower the color value. The respective 2016 peak color values for SMP-5, SLB and SLC are 90 cu, 70 cu and 60 cu. Color in 2017 showed little variation when compared to the previous four years. The peak values for the four sites: MLA – 100 cu, SMP-5 – 90 cu, SLB- 90 cu and SLC – 80 cu.

Cadmium has not been detected at any Slate Creek stations in 2014, 2015 and again in 2016. Cadmium detections increased in 2017 with concentrations found at least once at all the downstream sites. This is likely due to the lowering of the detection limit from 0.10 ug/L to 0.020 ug/L. SMP-5 had one detectable result of 0.038 ug/L in July, SLB had four detectable results with the highest of 0.043 ug/L in July and SLC also had four detectable results with a peak value of 0.24 ug/L. Background site MLA had no detectable cadmium results in 2017.

Copper detection occurred for the first time at MLA in March of 2016 with a result of 2.1 ug/L. As for the downstream sites it was first detected at SLB in September 2006 (2 ug/L). Low levels (1.0 ug/L) were present on three occasions in 2007, then slightly higher levels (4 ug/L) in October and November 2007 and again in April and September 2008. These levels came close to

the hardness-based WQS, but did not exceed it. Copper was detected at low level during the first part of 2010. Copper in 2011 continued a downward trend with all results below the WQS and the highest result occurring at SMP-5 (3.1 ug/L) in October. Copper in 2012 was non-detectable at all sites throughout the year with the exception of one result at the detection level at SMP-5. Copper in 2013 was periodically detectable at SMP-5, SLB and SLC, the peak value occurred at SMP-5 in April (1.6 ug/L). Copper was non-detectable during 2014. Similar to 2014, copper in 2015 has remained non-detectable with the exception of one result of 1.9 ug/l at SMP-5 in November. In 2016 copper was detected twice, as mentioned above, once at MLA. It was also found once at SMP-5 in July with a result of 1.8 ug/L. Similar to previous years, limited copper detection occurred in 2017. One result was found above the detection limit at SLC, 1.2 ug/L in August. All other stations remained non-detect for copper throughout 2017.

Iron levels were highest at MLA from January to April 2006 and March/April 2007, but were exceeded by SLB in July-December 2006 (peak of 0.43 mg/L in July 2006), September-October 2007 and September 2008 (0.45 mg/L). Iron levels were lower in 2009 and 2010, peaking at 0.25 mg/L at MLA in November 2009 and 0.247 mg/L at SLB in May 2010. In 2011 iron trended similarly among the sites with all results under 0.20 mg/L, which is under WQS of 1 mg/L. Showing a similar pattern in 2012, iron trending similarly among the sites with all results under the WQS. Again, Iron in 2013, trended similarly among the sites, the peak values occurring in early spring. SMP-5 reported the highest iron value of 0.65 mg/L in March. Iron concentrations in 2014 trended slightly downward compared to 2013. The greatest value was recorded at MLA (0.38 mg/L) and the remaining downstream sites were below 0.37 mg/L. Throughout 2015 iron again trending similarly among the water quality stations. Again MLA recorded the peak iron value of 0.32 mg/L in November. The remaining downstream sites exhibited slightly lower concentrations compared to 2014, the concentrations remained below 0.29 mg/l at sites SMP-5, SLB and SLC. Little fluctuation of iron concentrations was noted for 2016. As with previous years MLA yielded the highest iron result, 0.367 mg/L in October, the downstream SMP-5 registered 0.331 mg/L followed by SLB with 0.241 mg/L and SLC with the lowest maximum result of 0.152 mg/L. In 2017 Slate Creek iron concentrations showed little variation with last year. SMP-5 yielded the greatest result of 0.44 mg/L, followed by SLB with 0.37 mg/L and MLA with 0.26 mg/L and SLC with 0.24 mg/L.

Aluminum has occasionally been present in background samples at concentrations greater than 87 ug/L. The background level was frequently responsible for the high aluminum recorded downstream. Aluminum at MLA was 82 ug/L in February 2010, but this did not exceed the WQS. Aluminum levels at SLB and SLC were much lower than MLA in December 2010. In 2011, aluminum continued to be present in higher concentrations which are thought to have resulted in increased downstream results during summer and early fall. Aluminum increased in 2012, with several results over the water quality standard in early spring and fall. This can be attributed to increased concentrations at the background site MLA. Continuing that same trend in 2013, aluminum values in September, October and November were elevated at the background site, which resulted in elevated downstream values. SLC had the highest aluminum value in 2013 which occurred in October (156 ug/L), the background result for that same sample event was 88.8 ug/L. Aluminum in 2014 trended similarly among the Slate Creek sites. The peak value occurred at SMP-5 in September (109 ug/L). Aluminum in 2015 showed an uptick. MLA had a peak value of 242 ug/L, SMP-5 167 ug/L, SLB 235 ug/L and SLC 101 ug/L. As previously mentioned all results remained below the UTLs with the exception of the background value of 242 ug/L. Aluminum in 2016 showed a marked decrease compared to 2015 of data. MLA returned a maximum value of 119 ug/l more than half the previous year's peak result at MLA. The downstream sites yielded similarly reduced concentrations of aluminum. The respective 2016 downstream peak results are: SMP-5 with 85.6 ug/L, SLB with 73.4 ug/L and SLC with 63.7 ug/L. Aluminum concentrations in 2017 followed typical trends but with mild peaks slightly higher than previous year's spikes. MLA returned a peak value of 119 ug/L in August, SMP-5, 96.2 ug/L also in August, SLB with 120 ug/L in October and SLC with a peak value of 111 ug/L in August. All 2017 aluminum values remained below the WQS.

Mercury had a peak of almost 0.01 ug/L at SLB in 2008, but only reached 0.003ug/L at SLB and 0.005 ug/L at SLC in 2009. 2010 levels were similar to 2009, but only reached a maximum of 0.0026 ug/L at MLA and SLB. Mercury was detected in the majority of the samples from all sites in 2013. During 2014, mercury was detected in the majority of the Slate Creek samples. Similarly in 2015 mercury was found throughout the year at low levels in most samples. The concentrations remained low and compared to previous years mercury showed similar trends with no marked increase. 2016 had a peak mercury result of 0.0055 ug/L at SMP-5. Compared to historical data,

again in 2017, no appreciable increase in mercury concentrations were noted. The maximum result was measured at SLC in August, 0.0035 ug/L.

Zinc was not detected during the first part of 2006, appearing at low levels in both background and downstream sites in fall 2006. Zinc levels at SLB increased in May 2007 and exceeded the WQS in March 2008 (81.2ug/L), April 2008 (180 ug/L), October 2008 (72.7 ug/L), January 2009 (58.3 ug/L), but values were much lower throughout the rest of 2009 and 2010, only reaching 13.7 ug/L in April 2010. Zinc continued a downward trend in 2011 with a peak value of 12.0 ug/L in August. Zinc in 2012 continued to trend downward with the highest result of 6.0 ug/L found at SLB in October. In 2013, among the downstream sites zinc trended slightly higher than in 2012, with the highest result detected at SMP-5 (8.6 ug/L). Zinc was not detected during 2014 at MLA. The majority of the downstream samples were also non-detect. SMP-5 returned the greatest zinc result of 4.0 ug/L, down from the previous year's high of 6.0 ug/l. In 2015, zinc was not detected at site SLB, found twice at MLA and SLC and once at SMP-5 which was the peak value at 7.9 ug/L. In 2016 zinc remained largely undetected at the Slate Creek water quality stations. MLA had three samples where zinc was present one of which accounted for the maximum result for 2016, 4.5 ug/L. SMP-5 had two sample where zinc was present, SLB and SLC both had one sample with detectable concentrations of zinc. All downstream sites' zinc results were at or below 4 ug/L. Zinc was not detected on Slate Creek throughout 2017.

Nickel was present at SLB and SLC at low levels during 2006, increased in August 2007 and peaked in April 2008, but remained less than 5ug/L in 2009 and less than 2 ug/L in 2010. Nickel marked a slight increase during 2011 with a peak value of 4.4 ug/L in October. During 2012 nickel showed a decrease with the peak value of 1.7 ug/L occurring at SMP-5 in March. Nickel was undetected at MLA in 2013. At sites SMP-5, SLB and SLC nickel was found at low levels with an increase over the previous year's peak value (1.7 ug/L); the 2013 peak value was 8.6 ug/L at SMP-5. Nickel demonstrated a marked decrease in 2014 with all stations reporting non-detect results for 2014. Similar to the previous year nickel in 2015 remained non-detect in all Slate Creek samples with the exception one result slightly over the detection limit at site SMP-5 in March. Nickel was non-detect throughout 2016 and again in 2017 at all Slate Creek stations.

Manganese was not detected at downstream sites during the first part of 2006, but showed elevated levels at SLB in September 2006 (90 ug/L). Background manganese was above the WQS at this time (56 ug/L) and again in December 2006, March, April, August, November and December 2007, November 2008 and October 2009. SLB exceeded the WQS for manganese in October and November 2007, March, April, October, November, December 2008, January and May 2009, and January, March, May and December 2010. The highest level recorded was 228ug/L in March 2010. As with previous years, 2011 demonstrated an increase in manganese concentrations with a peak value of 334 ug/L in March. Manganese in 2012 was similar to 2011 results, with higher trends in winter and early spring. In 2013 manganese showed a marked decrease at all downstream sites starting in March. The greatest manganese value was 161 ug/L at SMP-5 whereas the previous year the manganese value was 256 ug/L at the same site. Similar to the previous year manganese in 2014 continued to trend downward. The background site had the peak value of 102.0 ug/L in November. Continuing to trend downward in 2015 manganese demonstrated lower concentrations than 2014 results. Again the peak value was detected at the background site MLA (64.7 ug/L), SMP-5 remained below 46 ug/L and the remaining sites SLB and SLC were at or below 30 ug/L for the year. Manganese in 2016 showed a similar but slight upward trend compared to 2015. With concentrations tending to be highest in the winter months. The background site MLA averaged higher concentrations than downstream sites. MLA also had the peak value for the year with 95.6 ug/L in November, whereas the downstream sites remained below 60 ug/L throughout the year. Manganese throughout 2017 followed typical but slightly lower trends compared to the previous four years at all Slate Creek sites. Values tended to be lower during the summer and higher in late fall and winter. Again MLA yielded the greatest result of 96.3 ug/L while the downstream sites remained below 40.0 ug/L.

6.3 Receiving Waters- Sherman Creek

Monitoring Sites

- SH109- Upper Sherman Creek upstream of disturbance
- SH113- Sherman Creek downstream of Outfall 001
- SH105- Sherman Creek downstream at mouth of creek

6.3.1 Major Chemistry

Water quality monitoring on Sherman Creek was intended to help identify any potential impacts from underground mine activities as all drainage from the mine flows to the Sherman Creek drainage (Figures 13 -15). Temperature is typically highest at SH113 just downstream from the 001 effluent discharge and coolest at SH109 the background station for Sherman Creek. However this was not the case in 2013 the highest temperature was at SH109 and the lowest at SH105. Following the typical trend, temperature in 2014 was lowest at SH109 and warmest at SH113. In 2015 the highest temperature was recorded at the furthest downstream site SH105, 11.1 °C in August followed by SH113 (10.8 °C) and SH109 (10.4 °C). In 2016 temperature followed a more typical pattern with the background site SH109 remaining slightly cooler than the two downstream sites SH113 and SH105. Temperature peaked at SH113 with result of 10.4 °C in August whereas SH105 and SH109 both remained below 9.6 °C for the year. Again in 2017 the background site SH109 recorded lower overall temperatures than the downstream sites. SH109 averaged 4.3 °C, SH113 reported the highest temperatures with an average of 6.3 °C and SH105 averaged 5.2 °C.

Dissolved oxygen was similar at upstream and downstream sites throughout the 2017. Measurements of DO tended to be lower in summer as water temperature increased and DO was higher in winter as temperatures decreased. Sherman Creek sites in 2017 exhibited peak DO values during midwinter; this was similar to the previous four year trend. No unusual fluctuations or results were noted. All monitoring stations ranged approximately 11-15 mg/L, SH105 demonstrated slightly higher results which is likely due to its downstream location and more aeration from cascades and falls.

Measurements of pH appeared consistent among the three Sherman Creek sites throughout 2017 with little fluctuation. Site SH113 demonstrated slightly more basic results compared to the sites SH109 and SH105. The highest 2017 result (7.97 s.u.) occurred at SH113 in June, followed by 7.82 s.u. at SH105 in June and 7.74 s.u. at SH105 also in February. pH stayed within the 6.5-8.5 water quality criteria for all Sherman Creek stations in 2017.

In 2015 the highest pH was 8.09 s.u. at SH105 in February, whereas the previous year the highest value was 8.14 s.u. at SH109. In 2015, the minimum pH result of 6.07 s.u. was recorded at

SH105. During this same monitoring event pH at SH109 was 6.24 s.u. This indicates the SH105 pH result of 6.07 s.u. was a result of background water quality.

Much like previous years, conductivity in 2017 was highest at site SH113 (middle site) and lowest at SH109 (upper site). At site SH105 (lower site) conductivity ranged 42.6 – 158.5 umhos/cm in 2017. For the background site SH109 conductivity registered 28.0 umhos/cm – 72.7 umhos/cm and downstream of Outfall 001 SH113 ranged 71.1 umhos/cm – 256.3 umhos/cm. Last year in 2016 conductivity at SH105 ranged 43.5 umhos/cm – 137.6 umhos/cm, SH109 31 umhos/cm – 63.4 umhos/cm and SH113 51.70 umhos/cm – 288.7 umhos/cm. In 2017 all sites tended to have higher conductivity in winter and early spring. Whereas in 2016 SH113 had peak values in late summer and fall. This was also the case in 2015 and 2014, whereas in 2013 the highest values occurred during midsummer.

Turbidity in 2017 was much like the previous year with very little fluctuations with the exception of one slightly elevated peak result at SH113 of 2.5 NTUs at SH113 in March. In 2017 sites SH109 and SH105 both remained below 1.2 NTUs for the year. In 2016 turbidity trended lower than 2015. The peak turbidity result was 1.57 NTU at SH113. All Sherman Creek sites averaged turbidity lower than 0.60 NTU for 2016. The peak turbidity value in 2015 was 6.5 NTU whereas in 2014 the peak value was 1.55 NTU.

Throughout 2017 total suspended solids remained non-detect at all Sherman Creek sample locations. TSS remained largely non-detect in 2016. Each water quality station had one TSS detectable result. SH113 had a peak value of 7.2 mg/L, while the two remaining sites' peak values were 6.0 mg/l or less. In 2015 slightly higher concentrations of TSS occurred. Twice each site returned detectable levels, whereas in 2014 all sites were non-detect with the exception of one result at the detection level.

Trending with conductivity, total dissolved solids (TDS) were generally higher during winter and spring months. 2017's TDS was highest at SH113 in January (236 mg/L) and lowest at SH109 in September (49 mg/L). No marked differences were noted with 2017's TDS results. In 2016 TDS was greatest at SH113 (265 mg/L) in November and lowest at SH109 (77 mg/L) in April. TDS concentrations throughout 2016 were largely similar to 2015 with no marked differences. Both 2015

and 2016 TDS peak results indicate a decrease from 2014's TDS concentrations where the greatest value was 420 mg/L.

Throughout 2017 ammonia was found in all samples from site SH113, ranging 0.34 – 1.26 mg/L. Ammonia was detected in seven of the twelve samples from SH105 ranging 0.10 – 0.32 mg/L and ammonia was non-detect throughout 2017 at SH109. During 2016 ammonia was detected in eleven of the twelve samples at SH113, ranging from non-detect to 1.23 mg/L – this followed the 2014 and 2015 data with the same number of detectable samples but with slightly higher peak concentrations. Ammonia at SH105 was detected in eight of the twelve samples all of which remained under 0.30 mg/L throughout 2016. Both in 2014 and 2015 at SH105 ammonia was detected in six samples with concentrations remaining under 0.21 mg/L. Similar to the previous two years, ammonia in 2016 remained undetectable with the exception of one result (0.11 mg/L) slightly above the detection limit in March. Since January 2006 ammonia has been detected only six times at the background site SH109 with no results greater than 0.2 mg/L.

The nitrate levels at the SH109 site was below 0.50 mg/L throughout 2017. This up from the 2016 peak result of 0.22 mg/l at SH109. In 2017, of the three sites, SH113 showed the highest level in March at 4.6 mg/L while SH105's peak value reached 3.46 mg/L in January. Throughout 2017 nitrate at SH109 remained below 0.5 mg/L and on two occasions was not detected. At SH105 and SH113 nitrate values have demonstrated a slight upward trend with seasonal fluctuations from 2013 to 2016. However in 2017 values demonstrated a slight downward trend.

Similar to previous years, in 2017 sulfate tended to be highest at SH113 and lowest at SH109. Following that trend in 2017 sulfate at SH113 peaked with 94.1 mg/L in March. In 2016 the highest result was found at SH113 in February (78.1 mg/L down up from 2015's peak result of 65.2 mg/L also at SH113.). The lowest 2017 sulfate level recorded occurred at SH109 which was 3.17 mg/L in May. This closely matched data from the previous four years. Sulfate was less than 55 mg/L at SH105 throughout the year. This also was comparable to the previous four years when sulfate concentrations for SH105 remained below 53 mg/l. Historically sulfate at SH109 has been found in low concentrations. Since January 2006 sulfate at SH109 has remained below 2.4 mg/L

In 2017 much like 2015 and 2016 chloride was detected in all samples for SH105 and SH113. SH109 was undetectable for 2017 with exception of two results. Whereas in 2016 chloride

was non-detect for the year. Similar to 2017, in 2015 chloride was found in two samples. Chloride reached a peak of 24.0 mg/L at SH113 in January. Overall, no marked difference was noted for Sherman Creek chloride results compared to previous years. All chloride concentrations were below the water quality standard of 250 mg/L.

As a result of the new APDES permit becoming effective June 2017 total residual chlorine (TRC) was required to be monitored at all three Sherman Creek sites. TRC was non-detect in all samples at all three Sherman Creek stations June to December 2017.

In 2014 hardness at SH113 averaged 73.8 mg/L and the peak value was 108 mg/L, whereas SH105 and SH109 averaged 54.8 and 39.4 mg/L, respectively. Throughout 2015 hardness remained below 53 mg/L at SH109 and averaged 37.8 mg/L. SH105 remained below 79 mg/L for 2015 and averaged 48.8 mg/L. In 2015 SH113 hardness averaged 73.8 mg/L and peaked at 108 mg/L, SH105 and SH109 averaged 48.8 and 37.8 mg/L. Hardness in 2016 followed typical trends. SH113 averaged 82.5 mg/L with a peak of 129 mg/L. SH105 averaged 51.0 mg/L and SH109 averaged 38.5 mg/L. In 2017 SH109 hardness averaged 41.2 mg/L, SH113 averaged 82.9 mg/L and SH105 averaged 54.6 mg/L. As expected for all sites, hardness tended to be lowest during summer months as a result of higher seasonal stream flows.

6.3.2 Trace Chemistry

Trace metals not detected in Sherman Creek during 2017 were arsenic, chromium, lead, nickel, silver and zinc. Following the previous year's trend aluminum peaks decreased in 2017. The highest value of 70.5 ug/L was found at SH105 followed by 58.9 ug/L at SH109 and SH113 with 38.5 ug/L. Aluminum in 2016, at SH105 the highest value was 119.0 ug/L followed by SH113 at 111.0 ug/L and SH109 with 92.0 ug/L. In 2015 elevated aluminum was found at SH105 in April (153 ug/L) and August (203 ug/L). SH113 during the same time period in 2015 also experienced increased aluminum concentrations, April (144 ug/L) and August (179 ug/L) as did the background site SH109 in April (148 ug/L) and August (184 ug/L). Historically the background site has exhibited elevated levels of aluminum which indicate the source is naturally occurring and not attributed to the Outfall 001 discharge.

In 2017 copper was detected four times at SH105 and SH113 and five times at SH109. None of the results were greater than 2.6 ug/L which was the peak value for Sherman Creek at SH109 in

August. In 2016 copper was detected three times at SH105 and SH1113 and four times at SH109, none of the results from the three sites exceeded 1.8 ug/L. Similarly, in 2015 copper was detected four times at SH105 and five times at both SH113 and SH109. Copper values also remained low in 2015, the highest concentration detected was 2.7 ug/L at SH109 in August. Previously in 2014 copper was detected four times at SH105, four times at SH113 and five times at SH109. The greatest concentration of copper in 2014 was 1.5 ug/L at SH105 in March.

In 2017 manganese was detected in all samples from SH105 and SH113 and found in four of the twelve samples from SH109. The peak 2017 manganese result of 42.4 ug/L was recorded at SH113 in March. In 2016 manganese was detected in all samples from SH105 and SH113 and detected in nine of the twelve samples from SH109. The peak 2016 manganese sample was 19.0 ug/L at SH109. For 2015, manganese was detected at low levels in nine of the twelve samples from SH109; it was present in all samples at SH113, with concentrations reaching 21.2 ug/L in April. Manganese concentrations were slightly higher at SH105, reaching 23.4 ug/L.

In 2017 mercury was detected in nine samples at SH105 and ten samples at SH109 and seven samples at SH113. Throughout 2017 mercury did not exceed 0.0025 ug/L and the peak value was found at SH113 in April. In 2016 mercury concentrations were found in six SH105 and SH109 samples and ten SH113 samples. In 2016 mercury values in Sherman Creek did not exceed 0.0032 ug/L. SH113 produced the highest mercury average but the greatest result of 0.0032 ug/L occurred at SH105 in April. In 2015 mercury was detected at SH113 on five occasions. Mercury was also detected at SH105 five times which had the highest concentration for the year in April (0.0024 ug/L). Mercury was detected four times at SH109 in 2015 with concentrations not exceeding 0.0016 ug/L. Previously in 2013 and 2014 mercury was not detected at the background site SH109.

Much like 2016, in 2017 iron was found on nineteen occasions in Sherman Creek. All results remained below 0.78 mg/L with greatest value recorded at SH113 in March. In 2016, all results remained below 0.42 mg/L with the peak value of 0.41 mg/L found at SH113 in April. In 2015 iron was found on twelve occasions in Sherman Creek, five times at SH113, three times at SH109 and four at SH105 with all concentrations being below 1.0 mg/L with the highest value of 0.556 mg/L at SH109 in May. 2014's peak iron value was 0.106 mg/L.

A comparison with 2006-2007 data shows that Sherman Creek appeared to have slightly lower pH in the latter half of 2008 than previous years, but remained at normal levels in 2009 and 2010. The pH at the background site SH109 was lower than usual in August 2010. This changed in 2011 with pH values at SH109 ranging between 7.5 and slightly over 8.0. The same pattern held for SH109 throughout 2012. Sites SH105 and SH113 exhibited steady pH values between 7 and 8 s.u. with the exception of one value of 6.76 s.u. at SH113 in November 2012. During 2013 pH once again was steady at all Sherman Creek sites throughout the year. All pH values maintained a range between 7 and 8 pH with the exception of one value at SH113 dipping to 6.77 pH in October. In 2014 Sherman Creek pH had a broader range. This was noted particularly at site SH105 where pH ranged 6.23 to 8.08 s.u. To a lesser degree pH ranged 6.72 to 8.14 s.u. at site SH109. Throughout 2014 pH was steadier at SH113 where measurements fluctuated between 7.09 and 7.86 s.u. Again in 2015 a slightly lower trend of pH was noted. SH105 ranged 6.07 – 8.09 s.u., SH113 6.27 – 7.85 s.u. and SH109 6.24 – 7.77 s.u. pH values below 6.5 s.u. occurred in May and October during which time the background site also experience lower pH, indicating the pH dip is naturally occurring. pH in 2016 demonstrated a tighter range than previous years. All sites reported values 6.5 – 8.5 s.u. SH105 had the broadest range among the three sites in 2016, 6.50-7.56 s.u., this was followed by SH109 with 6.73-7.61 s.u. and SH113, 7.02-7.83 s.u. Again in 2017 all pH results were comparable to historic trends. SH105 ranged 6.68 – 7.82 s.u., SH109 ranged 6.91 - 7.74 s.u. and SH113 ranged 7.13 – 7.97 s.u.

Turbidity appeared lower in 2011 than 2010, this may be in part due to higher background turbidity in 2010, but 2011 displayed the opposite results with much lower background turbidity. Turbidity in 2012 remained below 3 NTU, with the highest result of 2.8 NTU occurring at the background site in May. Turbidity demonstrated little fluctuation at all sites throughout 2013, all values remained under 1.0 NTU. Following a similar pattern in 2014, turbidity did not exceed 1.6 NTU at any of the Sherman Creek stations. In 2015 turbidity remained low at all Sherman Creek stations with the exception of two spikes one in April and one in August. The peak turbidity value of 6.5 NTU was found at SH113 in August. All noted spikes in 2015 can be attributed to elevated background turbidity, indicating the cause is naturally occurring. Turbidity in 2016 exhibited little fluctuation and all results from the three water quality stations remained under 1.6 NTU. The peak result was 1.57 NTU reported at SH113 in September. Turbidity throughout 2017 remained low at

the Sherman Creek stations. As in 2016, the peak 2017 value was recorded at SH113, was 2.5 NTU in March. The remaining stations SH105 and SH109 registered values below 1.1 NTU through the year.

Ammonia was present at low levels in late 2006 and 2007, then it remained undetected until June and August 2009 and July-September and December 2010. In 2011 ammonia was present in the majority of the samples from SH113 whereas it remained undetected at all other sites with the exception of one result in July at SH105. The peak ammonia value in 2011 was 1.12 mg/L at SH113. Ammonia in 2012 was detected once at SH105, once at SH109 and seventeen times at SH113. The peak ammonia result of 0.69 mg/L occurred at SH113 in October. Ammonia concentrations increased at SH113 in 2013, it was detected in all twelve samples; the highest value of 1.33 mg/L occurred in August. Ammonia was detected at low concentrations once at SH109 and five times at SH105 in 2013. Ammonia in 2014 was not detected at the background site SH109. It was detected six times at SH105 and eleven times at SH113. The peak ammonia result occurred at SH113 in September (0.77 mg/L). Similar to 2014 ammonia was not present in background samples in 2015. It was present in six SH105 samples and eleven SH113 samples. The highest ammonia result of 0.74 mg/L occurred at SH113 in February. All ammonia results in 2015 remained below the WQS. Ammonia detection in 2016 was similar to previous years. Ammonia was found in one of the twelve samples at the background site (0.11 mg/L in March). It was detected eight times at SH105 and in all but one sample at SH113. As expected the peak result occurred at SH113, 1.23 mg/l in October. All 2016 ammonia results remained under the WQS. Ammonia in 2017 followed historical trends. Station SH109 returned non-detect results for the year. Ammonia was detected on seven occasions at SH105 all of which remained under 0.32 mg/L. Much like previous years SH113 registered the peak ammonia value with 1.26 mg/L in October.

Chloride appeared to have an increasing trend from July 2007 to March 2008, but was present at much lower levels (less than 4 mg/L) from May 2008 and remained below 6.0 mg/L during 2009 and the first half of 2010. Slightly higher chloride levels (8-14 mg/L) were observed in August, September and December 2010, but these levels are well below the 250 mg/L WQS. Again in 2011 a slight upward trend for chloride was noted in the downstream sites with a peak value of 18.7 mg/L at SH113. Chloride in 2012 was present in most samples with the exception of five non-detect results at SH109. Chloride trended similar to 2011 with the peak value of 19.0 mg/L at SH113 in December

of 2012. Very little change in chloride concentrations were noted at all Sherman Creek sites during 2013. The highest chloride value again occurred at SH113 (11.6 mg/L), which was down from the 2012 peak chloride value. Chloride in 2014 was not detected on eight occasions at the background site SH109. Both SH105 and SH113 exhibited a chloride uptick in 2014. In 2014 SH113 had the peak value of 26.5 mg/L up from 2013's peak of 11.6 mg/L. Chloride in 2015 demonstrated little change compared to the 2014 data. Again the peak result was found at SH113 with a slightly higher value of 33.4 mg/L. Little change in chloride values occurred in 2016. SH109 remained non-detect for the year, SH105 was found to have chloride in all samples but did not exceed 14.0 mg/L and as expected SH113 returned the peak result of 44.0 mg/L. Chloride in 2017 was detected more frequently than in the past at the background site; it was found on four occasions. SH105 had detectable levels of chloride in all twelve samples, all results were 14.0 mg/L or less. SH113 contained the highest concentrations of chloride with a maximum value of 24.0 mg/L.

Nickel was not detected between June 2008 and November 2009 and most of 2010 (only detected in February, September, December at low level). Fewer detections of nickel occurred in 2011 when compared to previous years. Only two samples had nickel results both in March at SH113 and both under 2.0 ug/L. Nickel continued to follow a downward trend with no detectable concentrations at any Sherman Creek sites in 2012. Again in 2013 nickel remained undetected at all Sherman Creek sites. Similar to the previous year nickel in 2014 was undetected at all sites with the exception of one result slightly over the detection level at SH113. Nickel has not been detected in Sherman Creek since 2014, such was the case again in 2017.

Manganese was low until July 2007, increasing at SH113 at high flow in fall of 2007 and spring and fall of 2008. Manganese levels at SH113 never exceeded 26 ug/L in 2009, but in 2010 three samples exceeded 50ug/L. The upward trend of manganese continued in 2011 with slightly more than half the samples at SH113 over 50 ug/L. Manganese trended upward at SH113 during the first three months of 2012 with five results greater than 80 ug/L. However for the remainder of the year all results were below 42 ug/L with the exception of one result of 60.7 ug/L at SH113. As for the other sites manganese remained below 35 ug/L for 2012. In 2013 manganese demonstrated an upward swing at SH113 during the first part of the year; the highest value of 101 ug/L occurred at this site in March. However after March manganese concentrations dropped below 50 ug/L for the remainder of the year with the exception of one result of 70 ug/L in December. The other two sites

yielded lower levels of manganese in 2013, SH105's peak value was 35 ug/L and SH109 levels remained below 4 ug/L. In 2014 a decrease was noted for manganese at the downstream Sherman Creek stations particularly SH113. All results were below 31 ug/L with SH113 yielding the peak value of 30.4 ug/l in November. In 2015 manganese trended lower than 2014 data at station SH113. The peak result for SH113 was 21.2 ug/L in April. SH105 yielded the highest result for Sherman Creek, which was 23.4 ug/L also down from the previous year's peak result. SH109 demonstrated low manganese concentrations with the exception of two results in April and August, however both results were below 16.0 mg/L. Manganese concentrations remained low at all Sherman Creek sites throughout 2016. The data indicates slightly lower results than the previous year. The peak value 19.0 ug/L was found at SH113 and SH105 and SH109 remained under 13.0 ug/L for 2016. The data in 2017 indicates a slight uptick in manganese concentrations at the two downstream sites SH113 and SH105. Results at the background site showed no marked difference when compared to previous years. SH113 maintained the highest concentrations of manganese throughout 2017 and returned the maximum result of 42.4 ug/L in March. SH105 values trended slightly higher than the previous results in 2016, SH105's peak 2017 value was 8.4 ug/L. All 2017 manganese results remained below the WQS of 50 ug/L.

Iron was detected at SH105 twice in 2006 and twice in 2007. Iron was not detected in 2008 and appeared only once at SH113 in 2009 (January) and once in 2010 (November) at low levels. In 2011 Iron was detected three times with all values at or below 0.075 mg/L. During 2012 iron was periodically detected at all sites with the greatest result of 0.177 mg/L occurring at SH113 in April. Similarly in 2013 iron was periodically detected at all sites, again SH113 had the highest value of 0.232 mg/L in May but then remained undetected thereafter during 2013. In 2014 the downstream sites displayed an upward trend in iron concentrations, more detectable results were yielded by both SH105 and SH113 than in 2013. In 2014 SH113 had the greatest iron concentrations with the peak value of 0.106 mg/L occurring in September. In 2015 two iron spikes were noted at all three water quality stations. The spikes occurred in April and August. The greatest result of 0.556 mg/L was detected a SH109 in August and a slightly lesser result of 0.539 mg/L was noted in April. Both elevated results are responsible for increased concentrations downstream at SH113 and SH105 during the same sample event. All 2015 iron results remained below the water quality standard of 1.0 mg/L. Again in 2016 all iron results remained below the water quality standard. In 2017 iron

remained non-detect at SH109 in all but two samples, both of which remained below 0.07 mg/L. SH105 remained non-detect for the first seven months of 2017 then was detected thereafter, with a peak result of 0.152 mg/L. Iron was detected in all samples from SH113 with the highest value of 0.78 mg/L in June.

Sulfate, TDS and conductivity tend to follow hardness patterns, peaking at SH113 in February 2008, March 2009, and February 2010. The same pattern continued in 2011 with sulfate, TDS and conductivity peaking in March, with the exception of TDS peaking in February at SH113. Conductivity has typically been higher at SH113 than upstream or downstream sites and this held true through 2011, 2012 and 2013. Conductivity during the historical peak months of January through April was higher in 2011 as compared to previous years during the same period. Conductivity in 2012 followed a similar pattern when compared to 2011. During the peak months of January through April 2013 conductivity showed a slight increase over the previous year. TDS followed historical patterns at all sites, peaking in the winter and decreasing during the summer months. Sulfate has demonstrated a downward trend since 2008 with a peak value of 82.9mg/L in February as compared to February's peak value in 2010 of 40.7 mg/L. Sulfate showed a slight increase during peak months in 2011 but was still lower than historical peaks. Following the 2011 trend sulfate during 2012 peaked in the winter/early spring months with a high result of 58.9 mg/L at SH113 in February. No changes were noted with the sulfate trends in 2013. Again in 2014, sulfate trends remained similar when compared to previous years; sulfate peaked in late winter/early spring and tended to be lowest in midsummer. The highest value was reported at SH113 (74.1 mg/L) in February. Compared to previous years, 2015 sulfate results trended similarly. The peak value was detected at SH113, 65.2 mg/L in January. Throughout 2015, SH105 yielded results below 43 mg/L and the SH109 sulfate results remained below 11 mg/L. Similar sulfate concentrations were reported for the Sherman Creek sites in 2016. SH109 yielded results under 10.0 mg/L, SH105 did not exceed 45.0 mg/L and SH113 reported the peak result of 78.1 mg/L in February, up slightly from the previous year's peak. Sulfate concentrations at the Sherman Creek sites in 2017 showed similar trends compared to previous years. Results tended to be higher during the winter and early spring low flow periods and trended downward towards summer and fall. As expected the background site demonstrated concentrations below 12.5 mg/L. SH105 yielded a peak result of 54.3 mg/L in January.

SH113 had the greatest concentrations of sulfate throughout 2017 with a peak value of 94.1 mg/L in March. All 2017 results remained below the sulfate WQS standard of 250 mg/L.

TDS in February of 2008 was greater than 200 mg/L whereas TDS in February of 2010 was less than 150 mg/L. TDS appeared to take an upward turn from 2010 with increased peak values between 175 and 200 mg/L recorded in 2011. TDS in 2012 appeared the same with peak values between 125 mg/L and 211 mg/L. TDS in 2013 continued with the same trend with peak values reported at SH113 ranging from 176 mg/L to 209 mg/L. TDS in 2014 continued a similar trend with the majority of downstream values remaining below 230 mg/L with the exception of one value of 420 mg/L at SH105 which accounted for the peak 2014 value. Similar to 2014 TDS in 2015 remained below 261 mg/L throughout the year at all stations. The highest TDS result of 260 mg/L was reported at SH113 in January. SH105 had a peak TDS result of 156 mg/L also in January and SH109 results remained below 70 mg/L for the year. TDS values in 2016 remained similar to 2015's dataset. SH105 ranged from 38-154 mg/L, SH109 ranged from 26-77 mg/L and SH113 ranged from 42-265 mg/L with the peak result occurring in November. Similar to the past two years, TDS results in 2017 followed typical trends. SH105 ranged 54 – 180 mg/L, SH109 ranged 49 – 165 mg/L and SH113 returned slightly higher concentrations, ranging 59 – 263 mg/L.

Hardness values decreased in 2012, which had three peak values between 100 mg/L and 118 mg/L. Hardness in 2013 increased slightly with the peak values at SH113 ranging 120 mg/L to 124 mg/L. Hardness at SH105 remained below 91 mg/L throughout 2013 and SH109 returned results below 60 mg/L. Hardness in 2014 followed typical seasonal patterns with peaks occurring during low flow periods in the winter and lower values occurring during high flow periods in the summer and fall. In 2014 SH109 had the lowest hardness values and SH113 yielding the highest values ranging 40 mg/L to 124 mg/L. In 2015, SH109 returned the lowest hardness values ranging 21.9 mg/L to 52.5 mg/L, SH113 had the highest values and greatest range 33.2 mg/L to 108 mg/L. In 2016 no noted differences in hardness were found and all three sites followed historical trends. Again in 2017 hardness followed typical trends, although it was noted slightly higher maximums and minimums were found. This is likely due to greater seasonal fluctuations in stream flow at the Sherman Creek sites.

Historically nitrate has been observed at low levels in Sherman Creek. It showed a slight increase in February, May, October and November 2007 and in February 2008 then remained low until April to June of 2009 when levels were similar to November 2007. Nitrate levels in 2010 appeared slightly lower than 2009. Nitrate levels in 2011 were greater than 2010 levels with peak values between 1.3 and 1.9 mg/L whereas the previous year ranged approximately 1 mg/L or less. However, 2012 nitrate levels were lower than the previous year and more closely resembling pre-2011 levels with peak values less than 1.4 mg/L. Nitrate in 2013 remained at typical levels at site SH109. SH113 nitrate values showed an upward trend predominantly during the first part of 2013 with a value of 4.10 mg/L. Similar to SH113, SH105 nitrate concentrations increased during the first part of the year then trended downward during the spring and summer months. Nitrate at SH109 in 2014 followed historical trends and remained well below 1.0 mg/L for the year. As for sites SH105 and SH113 slight upward trends were noted with concentrations reaching a peak value of 3.36 mg/L at SH105. 2015 nitrate concentrations at SH105 and SH113 followed post 2012 patterns. SH113 returned the highest result of 3.86 mg/L in January. SH105's peak result also occurred in January (2.22 mg/L). SH109 nitrate remained below 0.18 mg/L throughout 2015, similar to historical data. Nitrate concentrations in 2016 at SH105 and SH109 closely resembled previous years. A slight increase over 2015 nitrate data was noted for SH113. The average nitrate result for SH113 for 2016 was 3.0 mg/l where the previous was 1.98 mg/L. The peak 2016 nitrate result for SH113 was 5.9 mg/L but still below the WQS of 10.0 mg/L. In 2017 nitrate was present in all Sherman Creek samples with the exception of two samples at the background site, no marked changes were noted in the nitrate dataset. SH113 averaged the highest nitrate concentrations but the peak value of 3.46 mg/L was detected at SH105 in January.

6.4 Receiving Waters- Ophir Creek

Monitoring Sites

- SH111- Ophir Creek upstream of Comet Development Rock Stockpile
- SH103- Ophir Creek downstream of Comet Development Rock Stockpile

6.4.1 Major Chemistry

Water quality monitoring on Ophir Creek is intended to help identify any potential impacts from mine construction and development activities associated with the Comet Development Rock Stockpile. Figures 16 and 17 are graphical presentations of analytical results gathered throughout 2017. Monitoring station SH111 is often unavailable for sampling during low flow periods and frozen conditions in winter and at times inaccessible due to avalanche danger. Occasionally monitoring station SH103 is also unavailable for sampling due to low flow periods and frozen conditions. During previous years, under the sampling plan, monitoring was required at SH111 and SH103 once every other month between May and November. Effective September 1st 2011 under a new APDES permit monitoring at both sites was increased to monthly, year-round. Under the current renewal of the APDES permit effective in June 2017 the monitoring interval remained unchanged with monthly sampling at both Ophir Creek sites.

As with the other receiving waters, Ophir Creek's monitoring data exhibited many trends in accordance with expected seasonal changes, increasing in summer and decreasing in winter. DO was very similar at both sites each time measurements were made. Measured conductivity at SH103 has often been the highest of all 12 monitoring sites on the project receiving waters, reaching 650 umhos/cm from January to April 2009 and 495 umhos/cm in November 2009. No samples were collected during this period in 2010. The highest recorded conductivity in 2010 was 165umhos/cm in November with 161umhos/cm recorded in October. Consistent with previous years, SH103 had a high conductivity result of 558 umhos/cm in December 2011. Following a similar but in increasing trend the highest conductivity measurement for SH103 was 828 umhos/cm in April 2012. Again in 2013 SH103 reported the highest conductivity among all sites, 773 umhos/cm – down from 2012. The peak conductivity result in 2014 was 475.6 umhos/cm at SH103, which showed a marked decrease from the previous two years. Ophir Creek conductivity at SH103 in 2015 showed a marked decrease. Typically SH103 has the highest conductivity among all receiving waters sampling stations. However this was not the case in 2015, the peak result was 327.3 umhos/cm in March at the downstream site SH103. Upstream site SH111 did not yield typical results due to two conductivity spikes in August and September, 216.2 umhos/cm and 221.1 umhos/cm, respectively. Conductivity at SH111 during 2016 returned to historical results and no spikes occurred as they did in 2015. The peak conductivity value was found at SH111 in 2016 was 40.1 umhos/cm. Again in

2017 conductivity at SH111 remained low with all values below 44 mg/L. As noted earlier the downstream site SH103 typically exhibits higher conductivity results. In 2017 SH103 conductivity peaked at 1203 umhos/cm in January. This is considerably higher than peak values found historically at SH103. This is likely due to low flow and possible pooling of water at SH103. .

Trending with conductivity, total dissolved solids at SH103 were elevated for portions of 2017. The resulting 2017 average at SH103 was 309 mg/L, up from the previous year. For SH111 in 2017 little change was noted in TDS and the site averaged 35.8 mg/L for the year. In 2016 total dissolved solids concentrations were greater at SH103, which averaged 192 mg/L. The upstream site SH111 averaged 27 mg/L. The peak result at SH103 in December (568 mg/L) was slightly over the WQS. As expected in 2015 total dissolved solids were found in greater concentrations at the downstream site. SH103 averaged 147 mg/L when SH111 averaged 61 mg/L. This was down slightly from the 2014 averages of 186 mg/L at SH103 and 65 mg/L at SH111. The highest 2015 TDS value occurred at SH103 in January (486 mg/L). This was down from 2014's peak result of 710 mg/L. The 2013 peak result of 566 mg/L also occurred at SH103.

Sulfate was found at low concentrations at SH111 for each sample event in 2012. Such was the case again in 2013, all sulfate results remained below 4 mg/L at SH111. In 2013 compared to SH111, SH103 had higher sulfate concentrations with two peak values over the WQS, 279 mg/L in January and 265 mg/L in April. During 2014 SH103 experienced two sulfate spikes above the water quality standard; in January a result of 286 mg/L and in March a value of 394 mg/L. Compared to previous years, sulfate in 2015 trended lower at the downstream site SH103. Two elevated results were noted, 203 mg/L in March and 131 mg/L in December. However both lower than 2014's peak results and both were under the water quality standard of 250 mg/L. Sulfate in 2015 remained low at SH111, all results were at or below 4.3 mg/L. Again in 2016 sulfate results at SH111 remained low with all results at or below 4.4 mg/L. SH103 experienced one elevated sulfate value in 2016, which exceeded the WQS of 250 mg/L. This occurred in March with a result of 294 mg/L, all other results remained at or below 236 mg/L. In 2017 an increase in sulfate concentrations was noted at the downstream Ophir Creek site SH103. The first three months of 2017 registered elevated sulfate concentrations for SH103: January with 659 mg/L, February with 318 mg/L and March yielding 539 mg/L. The remaining nine samples were under the WQS of 250 mg/L. In January through March

no water was available at SH111. For the remaining nine months, Site SH111 demonstrated little change from previous years; all sulfate results remained below 3.5 mg/L.

In 2017 hardness at SH111 showed little variation with previous years and ranged 20.1 mg/L to 27.7 mg/L. Hardness at SH103 in 2017 exhibited greater variation and larger spikes than previous years. Three large peaks occurred in January, February and March, 857 mg/L, 481 mg/L and 902 mg/L, respectively. Hardness in 2016 at SH103 trended with sulfate and exhibited higher concentrations in March and December with the highest result of 373 mg/l in March. This up from the 2015 peak result of 289 mg/L. In 2014 the peak value at SH103 was 472 mg/L. Compared to SH103 hardness was much lower at SH111 and remained below 34mg/l throughout 2016. This was down from 2015 when 57.0 mg/L accounted for the peak result. In 2014 SH111 hardness remained below 32 mg/L.

In the past chloride tended to be higher in winter than summer and was not detected at all in 2010, May-November samples. In 2011 chloride samples were detected in May at both stations and ranging 1.0 - 2.5 mg/L during the other months. In 2012 chloride ranged higher with concentrations 1.1 – 5.2 mg/L. Chloride in 2013 was not detected at SH111 and showed a similar trend at SH103 with values ranging from non-detect to 6.6 mg/L. Compared to 2013, 2014 chloride concentrations were similar. SH111 had non-detect concentrations throughout the year and SH103 had four detectable results with a peak value of 5.2 mg/L. Again in 2015 chloride remained largely undetected at SH111, one result of 1.1 mg/L was noted in April. Half of the chloride samples at SH103 had undetectable levels of chloride and the remaining samples ranged 1.4 to 3.1 mg/L. Following a similar pattern in 2016, SH111 had no detectable chloride results and SH103 reported five chloride results for the year, which ranged 1.3 to 4.3 mg/L. In 2017 chloride trends for Ophir Creek remained largely unchanged. SH111 was non-detect for the year and half of the chloride samples from SH103 were non-detect and the remaining detectable samples were at or below 11.0 mg/L.

As a result of the new APDES permit becoming effective June 2017 total residual chlorine (TRC) was required to be monitored at both Ophir Creek sites. TRC was non-detect in all samples at both Ophir Creek stations June to December 2017.

Nitrate in 2017 demonstrated a notable increase in the first part of the year and again at the end of the year. All told in 2017, four samples at SH103 exceeded the WQS of 10 mg/L: January 111 mg/L, February 46.2 mg/L, March 111 mg/L and December 10.5 mg/L. Nitrate at the background site was detected at low levels in all samples, the peak value registered 0.63 mg/L in April. In 2016 nitrate at SH103 marked an increase during November and December with two results over the WQS 13.8 mg/L and 34.6 mg/L, the remaining ten samples remained under the WQS of 10 mg/L. In 2015 nitrate levels were down at SH103, all but one result remained below 10.0 mg/L the peak nitrate result was 9.6 mg/L in March. In 2014 four values exceeded the water quality standard of 10 mg/L. SH111 showed little variation from previous years and remained below 0.41 mg/L for 2016.

Throughout 2017 pH at both Ophir Creek stations remained stable with little variation. SH103 ranged 6.81 to 7.86 s.u. and SH111 7.08 to 8.07 s.u. In 2016 pH at both SH103 and SH111 fluctuated very little. SH103 maintained values between 6.86 s.u. and 7.54 s.u. and SH111, 7.03 to 7.63 s.u. In 2015 pH exhibited greater fluctuation than the previous two years. In 2015 SH103 pH ranged from 6.36 – 7.76 s.u. and SH111 pH ranged from 6.54-8.00 s.u. During 2014 pH at both sites trended more similarly to pre-2013 results, where values ranged from 7.04 – 7.95 at SH103 and SH111 ranged from 7.38-7.78 s.u. The pH results were slightly lower in 2013; samples collected at SH103 and SH111 ranged between 6.77 and 7.77s.u.

Ammonia was not detected in any Ophir Creek samples in 2010 - 2013. In 2014 ammonia was detected once at SH103 and was non-detect at SH111 throughout the year. Ammonia in 2015 was non-detect for the year at both SH103 and SH111. Ammonia in 2016 was again not detected at SH103 throughout the year, however it was detected three times at the upstream site, with values peaking at 0.69 mg/L. Slightly less ammonia detection occurred in 2017 on Ophir Creek, SH111 remained undetected for the year and one sample at SH103 had a detectable result of 0.22 mg/L.

Total suspended solids was non-detect at both Ophir Creek sites throughout 2017. TSS has not been detected on Ophir Creek since October of 2010 at SH103.

In 2017 color was found three times at the detection level of 5 cu at SH103 and once at the detection level at SH111. Color in 2016 was detected twice at the downstream site and twice at the

background site, with values not exceeding 15 cu. In 2015 color was detected two times at the background site and detected three times at SH103; the greatest result was 15 cu.

6.4.2 Trace Chemistry

Non-detected metals in 2014 for both SH111 and SH103 included arsenic, chromium, lead, nickel, selenium, and silver. The list of non-detect metals is down in 2015 compared to 2013 and 2014. In 2015 non-detect metal were: arsenic, chromium, lead, nickel selenium and silver. Similar to 2015, in 2016 the metals that remained undetected included arsenic, chromium, iron, lead, nickel, selenium and silver. In 2017 the metals which remained undetected were: arsenic, cadmium, chromium, iron, lead, mercury, nickel and silver. Cadmium was found twice at SH103 with a maximum result of 0.038 ug/L, cadmium was not detected at SH111 in 2017. Copper was detected in five samples at SH103, the greatest value of 1.9 ug/L recorded in January; no copper was detected at site SH111 in 2017. One detectable result of manganese occurred in 2017, 4.0 ug/L at SH103 in April, otherwise all remaining samples were non-detect. Low concentrations of zinc occurred periodically at SH103 with a peak value of 5.7 ug/L recorded in February. Zinc was found twice at SH111 in 2017 with a peak value of 3.2 ug/L in December.

Metals in 2016 are as follows: copper was detected twice at SH111, and was present in low concentrations in three of the twelve samples from SH103. Similar to previous years, manganese in 2016 was not detected at the background site, it was present in one of the samples from SH103 (3.3 ug/L). In 2016 cadmium was detected once at SH103 in December (0.022 ug/L). Mercury was detected five times at SH103 with a peak value of 0.0026 ug/L in April and also found five times at SH111 with a peak value of 0.0018 ug/L in January. Copper was found three times at low concentrations at SH103 and once at SH111 in 2016.

As expected in 2017 low levels of aluminum were found in all samples for Ophir Creek. SH103 demonstrated small variations in aluminum concentration with a maximum value of 10.8 ug/L in September. SH111 maintained aluminum concentrations under 7.0 ug/L throughout 2017. Levels of aluminum were measured in all samples collected at both Ophir Creek sites during 2016 with little difference between the sites. Of the two sites, SH103 had slightly higher aluminum results

with values ranging between 3.6 to 20.5 ug/L. This down from 2015 when peak aluminum results at SH103 reached 44.5 ug/L.

7.0 Discharges

7.1 Outfall 001

The Comet water treatment plant (WTP) discharge (Outfall 001) was sampled daily, resulting in at least four times the data compared to most receiving water stations. Effective June 2017 the majority of the sampling at the Comet water treatment plant shifted to a weekly frequency as a result of the renewal of the APDES permit. This larger group of sample results is a greater opportunity to identify trends (Figures 18a – 18c). Discharge Monitoring Reports containing results of required monitoring were submitted each month during 2017. Outfall 001 experienced one permit exceedance in 2017 resulting from pH out of the range of 6.5 – 8.5 su.

7.1.1 Major Chemistry

Dissolved oxygen (DO) in the effluent tended to be higher in winter and lower during the summer season. DO is typically negatively correlated with temperature. Temperature dropped to a low of 2.8 °C in April of 2017 and a high of 12.6 °C in August. Grab samples for turbidity are collected from the effluent and background station SH109 weekly in conjunction with the effluent composite samples. The difference between background turbidity and effluent turbidity remained low for the year, the maximum difference was 2.17 NTU, below the water quality standard of 5.0 NTU. The peak effluent turbidity reached 2.33 NTU in 2017, whereas in 2016 the peak turbidity was 2.65 NTUs, 2015 it was 1.55 NTUs, and 2014 had a peak value of 25.4 NTU.

pH in 2017 experienced more fluctuation than the previous year. In November of 2017 pH drifted out of the compliance threshold of 6.5 – 8.5 s.u. for 11.8 hours, resulting in an exceedance. However, regardless of the exceedance, pH was in compliance for more than 99% of the time in 2017. In 2016 and 2015 little pH fluctuation occurred which resulted in no pH exceedances.

TDS in 2017 tracked similarly with the 2016 dataset, it ranged 190 – 475 mg/L. In 2016, TDS ranged 209-498 mg/L for the year. Down from 2015 when TDS had a range of 265-818 mg/L. 2014's peak TDS value was 622 mg/L. In the first half of 2017 sulfate followed the 2016 trend. In

the latter half of 2017 a decrease was noted in sulfate concentrations. The majority of sulfate results June to December 2017 remained below 50 mg/L. In 2016, values ranged 54.9 to 225 mg/L, which did result in one exceedance. In 2015 three elevated sulfate values resulted in permit exceedances. Whereas in 2014, four sulfate values over the WQS (200 mg/L) were reported. Downstream hardness ranged 32.2 to 183 mg/L in 2017, similar to the previous year. Note, effective June 2017, downstream hardness is no longer required under the renewed APDES permit.

Daily samples were collected for TSS analysis in the first half of the year, after which they were collected weekly in conjunction with the permit mandated general chemistry and metals monitoring. In 2017 all but one sample was non-detect, which was 5.2 mg/L. In 2016 all but five samples were non-detect. The maximum TSS result in 2016 was 13.2 mg/L. This was similar to the previous four years where three detectable results occurred in 2012 and 2013 and in 2014 five detectable results were noted and 2015 when one detectable result was found. In 2011 there were eighteen detectable results some of which exceeded the WQS. In 2010 there were nineteen TSS samples above the detection limit but all below the WQS.

Ammonia in the first six months of 2017 followed historically patterns. The latter half of 2017 marked slightly higher ammonia concentrations which can be attributed to the relaxed ammonia permit limit associated with the APDES permit renewal. The maximum 2017 ammonia result was 3.43 mg/L in August. All 2017 ammonia results were within permit limits. Ammonia in 2016 trended similarly compared to 2014 and 2015 data.

Nitrate is positively correlated with ammonia. No marked differences in 2017 nitrate concentrations were noted. Nitrate ranged between 3.1-10.7 mg/L for the year. All nitrate results in 2017 remained below the water quality standard. Note, effective June 2017 the permit limit for nitrate at Outfall 001 was removed per the APDES permit.

7.1.2 Trace Chemistry

Arsenic, copper, and lead were undetected in effluent samples during 2017. In increase over 2016 when arsenic and lead were the only undetected metals. In 2017, nickel and zinc were detected only once. In 2017 aluminum followed historical trends with a maximum value of 38.2 ug/L in June, all results remained under the permit limit. 2016 saw one mild aluminum spike of 88.8 ug/L but

remained under the water quality standard. In 2015 aluminum ranged from 2.5 to 14.9 ug/L. In 2014 aluminum ranged from 2.5 to 62.4 ug/L and in 2013 the range was 1.6 -30.8 ug/L.

Throughout 2017 iron returned stable values with little variation when compared to the previous year. All iron results in 2017 remained below 0.50 mg/L. Iron concentrations in 2016 demonstrated some variation from the previous two years; some slightly higher concentrations were noted. The peak 2016 iron result was 1.63 mg/L in August, this was below the water quality standard of 1.85 mg/L.

Mercury detection in 2017 demonstrated a marked change, it was found in less than 10 percent of the samples, whereas in 2016 mercury was detected in about 80 percent of the effluent samples. All mercury results in 2017 remained at or below 0.0013 ug/L. As previously mentioned, zinc concentrations varied little throughout the year with only one detectable result of 6.1 ug/L – similar to 2013 through 2016. Nickel was detected once in 2017 with a maximum value of 3.8 ug/L. In 2017, nickel's pattern reflected the four previous years. Selenium demonstrated little variation in 2017 and followed a trend similar to the previous two year's dataset. Effective June 2017 selenium monitoring was no longer required per the renewed APDES Permit.

2017 manganese data compared to the 2015 and 2016 dataset showed little change; in 2017 manganese ranged 5.4 to 46.4 ug/L. In 2016 manganese ranged from 11.0 to 63.1 ug/L. In 2015 manganese ranged from 5.9 ug/L to 65.7 ug/L. 2014 manganese ranged from a high of 96.3 ug/L to a low of 2.5 ug/L. The average manganese result was 190 ug/L in 2010, dropped to 157 ug/L for 2011 and dropped slightly again in 2012 with an average of 155 ug/L, dropping again in 2013 the average manganese result was 71.5 ug/L. 2014 demonstrated a considerable decline in manganese with an average for the year of 30.6 ug/L. Again in 2015, the manganese average dropped to 25.3 ug/L. 2016 manganese average was 22.1 ug/L. Marking a slight decline in 2017 manganese averaged 20.4 ug/L. Overall, manganese concentrations for the effluent in 2017 were lower than pre-operation concentrations found in 2006.

7.1.3 Whole Effluent Toxicity Testing

Whole Effluent Toxicity (WET) Tests were conducted monthly on the 24-hour composite samples collected from Outfall 001 effluent. The following three tests were rotated throughout the year such that each test was conducted once a quarter:

- *Pimephales promelas* (fathead minnow)- static, renewal, larval survival and growth test.
- *Ceriodaphnia dubia* (water flea)- 7-day static, renewal, survival and reproduction test.
- *Selanastrum capricornutum* (green algae)- 4-day static, growth.

Please note, per the renewed APDES Permit, effective June 2017 *Pimephales promelas* (fathead minnow) is the sole organism used in the monthly WET tests; the other two organisms are no longer in the test rotation. All monthly WET tests conducted on Outfall 001 effluent in 2017 were within permit limits.

7.2 Outfall 002

Outfall 002 discharge is from the tailing treatment facility (TTF), which began in early December 2010 after a new water treatment plant was commissioned. 2017 was the seventh full year of operation for the TTF water treatment plant. One water quality exceedance for sulfate occurred at Outfall 002 in July 2017. Discharge Monitoring Reports containing results of required monitoring were submitted each month during 2017. Graphical representations of Outfall 002 data can be found in Figures 19a – 19c.

7.2.1 Major Chemistry

pH fluctuated some throughout 2017 at Outfall 002. Results ranged from 6.7 s.u. to 8.4 s.u, which were within the compliance range for the year. This closely matched pH results from the previous year. Flow rate fluctuated some throughout 2017 ranging from 1078 gpm to 1315 gpm while staying under the permit limit of 1500 gpm. Temperature, as expected, trended seasonally through the year. Temperature varied from 2.0°C in January to 19.2 °C in August. Background

samples for turbidity were collected weekly at MLA in conjunction with the effluent grab samples. The difference between background turbidity and effluent turbidity remained low through the year with a maximum difference of 1.17 NTU. Effluent turbidity remained below 1.7 NTU for 2017, up slightly from 2016's maximum of 1.0 NTU but down from 2015 when turbidity peaked at 4.25 NTU. Turbidity in 2014 remained below 2.5 NTU.

As mentioned previously one sulfate exceedance occurred in 2017 with a result of 262 mg/L, otherwise all sulfate results remained under the WQS of 250 mg/L. In 2016 sulfate maintained levels between 158 mg/L and 245 mg/L. In 2015 sulfate ranged between 192 – 243 mg/L, up slightly from the previous year. Sulfate in 2014 fluctuated between 176 and 245 mg/L. In 2013 sulfate ranged between 93.3 and 245 mg/L, below the WQS of 250 mg/L. Previously in 2012 sulfate ranged between 179.0 and 250.0 mg/L. In 2011 sulfate exceeded the permit limit on six occasions.

TDS levels in 2017 maintained results between 273 mg/L and 471 mg/L, demonstrating slightly more variation than previous years but remaining under the WQS of 500 mg/L. TDS in 2016 demonstrated little change compared to 2015 with the exception that no permit exceedances occurred. TDS in 2015 followed historical patterns with a low of 393 mg/L and high of 501 mg/L, the 501 mg/L value resulted in one permit exceedance. In 2014 TDS trended between a low of 341 mg/L in November and a high of 480 mg/L in July. During 2013 TDS exceeded the WQS on two occasions with respective values of 607 mg/L and 621 mg/L, the remainder of the TDS results were below 460 mg/L. In 2012 total TDS ranged from 279 mg/L to 482 mg/L, whereas in 2011 one permit exceedance occurred.

Hardness in 2017 tracked with the historical dataset; it ranged 180 mg/L to 275 mg/L. 2016 hardness data followed historical trends with little change noted. The 2016 hardness range was 204 mg/L to 278 mg/L. In 2015 effluent hardness trends were comparable to the previous year with the exception of one low value of 138 mg/L in November. 2014 effluent hardness was comparable to previous years with slight variations; values ranged between 196 to 280 mg/L. Hardness in 2013 demonstrated increased variability when compared to 2012, variability occurred mainly during late summer and fall, during which time values ranged from 278 mg/L to 129 mg/L. In 2012 hardness ranged from 210 mg/L to 278 mg/L, slightly less compared to 2011 when effluent hardness ranged from 181 mg/L to 319 mg/L.

Downstream hardness (site SMP-5) fluctuated considerably in 2017, much like the 2015 and 2016 downstream hardness data. 2017 data fluctuated between 36.5 mg/L and 262 mg/L. The wide range of values can be attributed to varying flow rates at the sample site. Effective June 2017 the hardness downstream monitoring requirement was removed from the APDES permit.

In 2017 99.4% of the TSS samples were non-detect. In 2016 99.7% of TSS were non-detect. Again in 2015, 99.7% of the daily total TSS samples had non-detect concentrations. This is a slight increase from 2014 where 98% of the TSS results were non-detect. The peak 2017 TSS value was 5.6 mg/L, the peak 2016 TSS value was 21.2, peak 2015 value for TSS was 4.0 mg/L, and 2014 peak value was 8.8 mg/L. In 2013 the majority of samples were also non-detect and all detectable results were below 12.0 mg/L.

Similar to 2016, ammonia concentrations in 2017 had less variability, values remained between 1.26 mg/L and 1.88 mg/L. In 2016 ammonia fluctuated between 1.38 and 1.81mg/L. In 2015 values dipped as low as 0.64 mg/L to a high of 1.74 mg/L. Ammonia remained below daily maximum permit limitations in 2017. Previously in 2013, ammonia stayed above 1.0 mg/L through August after which it trended downward to less than 1.0 mg/L for the remainder of the year. In 2012 ammonia was lower and hovered between 0.5 mg/L and 1.4 mg/L. Effective June 2017 the ammonia limit for Outfall 001 was removed from the APDES Permit. Overall nitrate has shown a steady increase from late 2010 (discharge initiated) through 2017. Nitrate values in 2017 ranged from 3.31 to 8.48 mg/L. Nitrate is a monitor only parameter in the ADPES permit and therefore carries no permit limit.

7.2.2 Trace Chemistry

Arsenic, chromium, copper, lead, selenium and silver were undetected in effluent samples at Outfall 002 during 2017. Similar to 2012 through 2016, aluminum was present in all samples during 2017. Aluminum concentrations were found from 3.6 ug/L to 17.1 ug/L. In 2016 aluminum similarly ranged between 3.2 ug/L to 17.6. In 2015 aluminum results ranged from 4.4 to 21.4 ug/L, down from 2014 where results ranged 9.4 ug/L to 42.4 ug/L. In 2013 aluminum values were as high as 375.0 ug/L. Aluminum in 2017 showed little variation and largely reflected 2014 through 2016 results.

Iron concentrations in 2017 demonstrated little variation with the exception of four results greater than 0.4 mg/L. Up from 2016 the peak, the 2017 peak iron result was 0.64 mg/L. The peak 2016 iron result was 0.239 mg/l in March, a decrease over 2015 where iron rose to a high of 1.12 mg/L. In 2014 the greatest iron result was 0.798 mg/L. During the first four months in 2013 iron remained around 0.65 mg/L before dropping below 0.50 mg/L for the remainder of the year, with the exception of one result in December. Overall iron in 2017 matched the 2016 trend and was lower than the 2010 to 2015 dataset.

Demonstrating fewer detections, nickel in 2017 was detected less than 9% of the time. Nickel in both 2016 and 2015 was detected in about 15% of the effluent samples. Down from 2014 where nickel was present in about half the effluent samples. In 2016 nickel fluctuated very little - results peaked at 2.5 ug/L. Overall, 2014 through 2017 nickel presence and concentrations have decreased. The peak 2017 nickel result was 3.1 ug/L.

Zinc was detected once in 2017, 4.7 ug/L in July. Zinc concentrations were detected twice in 2016 with a maximum result of 5.7 ug/L in February. In 2015 zinc was found once at the detection level of 2.5 ug/L otherwise it remained non-detect throughout out the year. In 2014 zinc was found in 15% of the 002 effluent samples, the highest concentration was 6.0 ug/L. Zinc was detected in about 66% of the effluent samples in 2013. The peak 2013 zinc value was 22.7 ug/L. Zinc in 2012 and 2011 was found in 26% of the samples at low concentrations. Since discharging commenced the occurrence and concentrations of zinc of has dropped.

Copper was periodically detectable throughout 2012, none of the sample results were greater than 1.9 ug/L, this demonstrated a slight increase over 2011. Copper in 2013 appeared to trend with zinc with higher values January through September; zinc registered a peak value of 3.2 ug/L in July which was below the WQS of 4.5 ug/L. Copper in 2014 was found in four samples at concentrations slightly over the detection level. The maximum value was 1.2 ug/L. With a decreased presence in 2015, copper was detected once, 0.90 ug/L in late October. Following a similar but decreasing trend, copper was not detected in 2016 and 2017.

Again in 2017 the occurrence of mercury decreased with detections found in less than 9% of the samples. The occurrence of mercury in 2016 was found in less than 14% of the samples. In 2015 mercury was found in less than 10% of the samples. In 2014 mercury was found in about than 20% of the samples. The maximum mercury result in 2017 was 0.0013 ug/L, which marked

the lowest peak since monitoring commenced. In 2016 the highest concentration of mercury was 0.0022 ug/L in May. In 2015 the greatest mercury result was 0.0046 ug/L. The peak result in 2014 was 0.0015 ug/L. In 2013 mercury was detected in 23 of the 55 samples. The greatest 2013 mercury result was 0.0032 ug/L. Mercury was detectable for most of 2012 with a peak value of 0.0047 ug/L in December.

7.2.3 Whole Effluent Toxicity Testing

Whole Effluent Toxicity (WET) tests were conducted monthly on the 24-hour composite samples collected from Outfall 002 effluent. The following three tests were rotated throughout the year such that each test was conducted once a quarter:

- *Pimephales promelas* (fathead minnow)- static, renewal, larval survival and growth test.
- *Ceriodaphnia dubia* (water flea)- 7-day static, renewal, survival and reproduction test.
- *Selanastrum capricornutum* (green algae)- 4-day static, growth.

Please note, per the renewed APDES Permit, effective June 2017 *Pimephales promelas* (fathead minnow) is the sole organism used in the monthly WET tests; the other two organisms are no longer in the test rotation. All monthly WET tests conducted on Outfall 002 effluent in 2017 were within permit limits.

Tables 1-23

Table 1: 2017 Johnson Creek Non-detect Parameters

JS2		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Ammonia	<0.10	mg/L
Chloride	<1.0	mg/L
Total Residual Chlorine	<0.050	mg/L
Total Suspended Solids	<4.0	mg/L
Dissolved Arsenic	<2.5	ug/L
Total Recoverable Cadmium	<0.020	ug/L
Dissolved Cadmium	<0.1	ug/L
Dissolved Chromium	<2.5	ug/L
Dissolved Copper	<0.1	ug/L
Total Recoverable Copper	<0.1	ug/L
Dissolved Iron	<0.05	mg/L
Dissolved Lead	<0.16	ug/L
Total Recoverable Lead	<0.16	ug/L
Mercury Dissolved	<0.001	ug/L
Mercury Total	<0.001	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Dissolved Silver	<0.1	ug/L
Dissolved Zinc	<2.5	ug/L
Total Recoverable Zinc	<2.5	ug/L

JS4		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Ammonia	<0.10	mg/L
Total Residual Chlorine	<0.050	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Cadmium	<0.1	ug/L
Total Recoverable Cadmium	<0.020	ug/L
Dissolved Chromium	<2.5	ug/L
Dissolved Lead	<0.16	ug/L
Total Recoverable Lead	<0.16	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Dissolved Selenium	<1.0	ug/L
Dissolved Silver	<0.1	ug/L
Total Recoverable Zinc	<2.5	ug/L

Table 1 Continued: 2017 Johnson Creek Non-detect Parameters

JS5		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Ammonia	<0.10	mg/L
Total Residual Chlorine	<0.050	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Cadmium	<0.1	ug/L
Total Recoverable Cadmium	<0.020	ug/L
Dissolved Chromium	<2.5	ug/L
Dissolved Lead	<0.16	ug/L
Mercury Dissolved	<0.001	ug/L
Mercury Total	<0.001	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Dissolved Silver	<0.1	ug/L
Total Recoverable Zinc	<2.5	ug/L

Table 2: 2017 Sherman Creek Non-detect Parameters

SH105		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Total Residual Chlorine	<0.050	mg/L
Total Suspended Solids	<4.0	mg/L
Dissolved Cadmium	<0.1	ug/L
Dissolved Chromium	<2.5	ug/L
Total Recoverable Lead	<0.16	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Dissolved Silver	<0.9	ug/L
Total Recoverable Zinc	<2.5	ug/L

SH109		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Ammonia	<0.10	mg/L
Total Residual Chlorine	<0.050	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Chromium	<2.5	ug/L
Dissolved Lead	<0.16	ug/L
Total Recoverable Lead	<0.16	ug/L
Mercury Dissolved	<0.001	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Dissolved Selenium	<1.0	ug/L
Dissolved Silver	<0.10	ug/L
Total Recoverable Zinc	<2.5	ug/L

SH113		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Total Residual Chlorine	<0.050	mg/L
Total Suspended Solids	<4.0	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Chromium	<2.5	ug/L
Total Recoverable Lead	<0.16	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Dissolved Silver	<2.4	ug/L
Total Recoverable Zinc	<2.5	ug/L

Table 3: 2017 Ophir Creek Non-detect Parameters

SH103		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Total Residual Chlorine	<0.050	mg/L
Total Suspended Solids	<4.0	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Chromium	<2.5	ug/L
Total Recoverable Iron	<0.05	mg/L
Dissolved Lead	<0.16	ug/L
Total Recoverable Lead	<0.16	ug/L
Mercury Total	<0.001	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Dissolved Silver	<0.10	ug/L

SH111		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Ammonia	<0.10	mg/L
Chloride	<1.0	mg/L
Total Residual Chlorine	<0.050	mg/L
Total Suspended Solids	<4.0	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Cadmium	<0.1	ug/L
Total Recoverable Cadmium	<0.1	ug/L
Dissolved Chromium	<2.5	ug/L
Dissolved Copper	<0.1	ug/L
Total Recoverable Copper	<0.1	ug/L
Total Recoverable Iron	<0.05	mg/L
Total Recoverable Lead	<0.16	ug/L
Dissolved Lead	<0.16	ug/L
Total Recoverable Manganese	<1.0	ug/L
Mercury Dissolved	<0.0010	ug/L
Mercury Total	<0.0010	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Dissolved Selenium	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Dissolved Silver	<0.1	ug/L
Total Recoverable Zinc	<0.1	ug/L

Table 4: 2017 Slate Creek Non-detect Parameters

MLA		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Nitrate as N	<0.050	mg/L
Ammonia	<0.10	mg/L
Total Residual Chlorine	<0.050	mg/L
Total Suspended Solids	<4.0	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Cadmium	<0.1	ug/L
Total Recoverable Cadmium	<0.020	ug/L
Dissolved Chromium	<2.5	ug/L
Dissolved Copper	<0.1	ug/L
Total Recoverable Copper	<0.1	ug/L
Dissolved Lead	<0.16	ug/L
Total Recoverable Lead	<0.16	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Dissolved Silver	<0.1	ug/L
Dissolved Zinc	<2.5	ug/L

SMP-5		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Total Residual Chlorine	<0.050	mg/L
Total Suspended Solids	<4.0	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Cadmium	<0.1	ug/L
Dissolved Chromium	<2.5	ug/L
Dissolved Copper	<0.1	ug/L
Total Recoverable Copper	<0.1	ug/L
Dissolved Lead	<0.16	ug/L
Total Recoverable Lead	<0.16	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Dissolved Silver	<0.0	ug/L
Total Recoverable Zinc	<0.1	ug/L

Table 4 Continued: 2017 Slate Creek Non-detect Parameters

SLB		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Total Residual Chlorine	<0.050	mg/L
Total Suspended Solids	<4.0	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Chromium	<2.5	ug/L
Dissolved Copper	<1.0	ug/L
Total Recoverable Copper	<1.0	ug/L
Dissolved Lead	<0.16	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Dissolved Silver	<0.1	ug/L
Total Recoverable Zinc	<0.1	ug/L

SLC		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Total Residual Chlorine	<0.050	mg/L
Total Suspended Solids	<4.0	mg/L
Dissolved Arsenic	<2.5	ug/L
Dissolved Cadmium	<0.1	ug/L
Dissolved Chromium	<2.5	ug/L
Total Recoverable Lead	<0.16	ug/L
Dissolved Nickel	<1.0	ug/L
Total Recoverable Nickel	<1.0	ug/L
Total Recoverable Selenium	<1.0	ug/L
Dissolved Silver	<0.1	ug/L
Total Recoverable Zinc	<0.1	ug/L

Table 5: 2017 Outfall 001 Non-detect Parameters

Outfall 001		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Total Recoverable Arsenic	<2.5	ug/L
Total Recoverable Silver	<0.10	ug/L
Total Recoverable Copper	<1.0	ug/L
Total Recoverable Lead	<0.16	ug/L

Table 6: 2017 Outfall 002 Non-detect Parameters

Outfall 002		
<u>Parameter</u>	<u>PQL</u>	<u>Units</u>
Total Recoverable Arsenic	<2.5	ug/L
Total Chromium	<2.5	ug/L
Total Recoverable Copper	<1.0	ug/L
Total Recoverable Lead	<0.16	ug/L
Total Recoverable Selenium	<1.0	ug/L
Total Recoverable Silver	<2.5	ug/L

Table 7: Station JS2 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	3.1	7.2	4.1	12	0.0%	0	4.9	1.50
Dissolved Oxygen	mg/L	11.6	13.42	1.82	12	0.0%	0	12.38	0.61
pH	pH	6.53	8.1	1.57	12	0.0%	0	7.26	0.41
Conductivity	umhos/cm	19.5	26.5	7	12	0.0%	0	21.8	2.40
Lab Turbidity	NTU	0.13	0.55	0.42	12	0.0%	0	0.28	0.12
Nitrate as N	mg/L	0.08	0.8	0.72	12	0.0%	0	0.271	0.21
Ammonia as N	mg/L	0.1	0.1	0	12	100.0%	12	0.1	0.00
Sulfate	mg/L	1.05	11	9.95	12	0.0%	0	2.26	2.77
Chloride	mg/L	1	2.6	1.6	12	91.7%	11	1.1	0.50
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.00
Total Dissolved Solids	mg/L	11	72	61	12	0.0%	0	26	15.70
Total Suspended Solids	mg/L	4	4	0	12	100.0%	12	4	0.00
Hardness, Total	mg/L	13.5	50.9	37.4	12	0.0%	0	18.3	10.40
Total Recoverable Aluminum	ug/L	2.3	22.2	19.9	12	0.0%	0	8	6.10
Dissolved Arsenic	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.00
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.04
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.04
Dissolved Chromium	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.00
Dissolved Copper	ug/L	1	1	0	12	100.0%	12	1	0.00
Total Recoverable Copper	ug/L	1	1	0	12	100.0%	12	1	0.00
Total Recoverable Iron	mg/L	0.05	0.051	0.001	12	91.7%	11	0.05	0.00
Dissolved Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.00
Total Recoverable Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.00
Total Recoverable Manganese	ug/L	1	2.4	1.4	12	33.3%	4	1.4	0.40
Mercury Dissolved	ug/L	0.001	0.0014	0.0004	7	85.7%	6	0.0011	0.00
Mercury Total	ug/L	0.001	0.001	0	6	100.0%	6	0.001	0.00
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.00
Total Recoverable Nickel	ug/L	1	1	0	12	100.0%	12	1	0.00
Total Recoverable Selenium	ug/L	1	1	0	12	100.0%	12	1	0.00
Dissolved Silver	ug/L	0.1	0.1	0	5	100.0%	5	0.1	0.00
Dissolved Zinc	ug/L	2.5	3.2	0.7	12	91.7%	11	2.6	0.20
Total Recoverable Zinc	ug/L	2.5	2.5	0	12	100.0%	12	2.5	0.00
Color	Color Unit	5	5	0	12	91.7%	11	5	0.00

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 8: Station JS4 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	0	8	8	12	0.0%	0	4.2	3.0
Dissolved Oxygen	mg/L	11.62	14.34	2.72	12	0.0%	0	13.26	0.9
pH	pH	6.72	8.11	1.39	12	0.0%	0	7.46	0.4
Conductivity	umhos/cm	36.6	82.2	45.6	12	0.0%	0	54.9	15.0
Lab Turbidity	NTU	0.17	1.66	1.49	12	0.0%	0	0.63	0.5
Nitrate as N	mg/L	0.194	1.31	1.116	12	0.0%	0	0.557	0.3
Ammonia as N	mg/L	0.1	0.1	0	12	100.0%	12	0.1	0.0
Sulfate	mg/L	4.58	17.4	12.82	12	0.0%	0	9.91	4.4
Chloride	mg/L	1	2.1	1.1	12	75.0%	9	1.2	0.3
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	33	89	56	12	0.0%	0	59.2	20.0
Total Suspended Solids	mg/L	4	4	0	12	91.7%	11	4	0.0
Hardness, Total	mg/L	25.6	63.3	37.7	12	0.0%	0	43.8	14.0
Total Recoverable Aluminum	ug/L	7.2	98.7	91.5	12	0.0%	0	28.4	28.3
Dissolved Arsenic	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.0
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Copper	ug/L	1	1.2	0.2	12	83.3%	10	1	0.1
Total Recoverable Copper	ug/L	1	1.8	0.8	12	75.0%	9	1.1	0.3
Total Recoverable Iron	mg/L	0.05	0.269	0.219	12	75.0%	9	0.077	0.1
Dissolved Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Manganese	ug/L	1.7	17	15.3	12	0.0%	0	5.5	5.1
Mercury Dissolved	ug/L	0.001	0.0015	0.0005	7	71.4%	5	0.0011	0.0
Mercury Total	ug/L	0.001	0.0015	0.0005	6	66.7%	4	0.0012	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Selenium	ug/L	1	1	0	12	100.0%	12	1	0.0
Dissolved Silver	ug/L	0.1	0.1	0	5	100.0%	5	0.1	0.0
Dissolved Zinc	ug/L	2.5	4.3	1.8	12	66.7%	8	2.8	0.5
Total Recoverable Zinc	ug/L	2.5	2.5	0	12	100.0%	12	2.5	0.0
Color	Color Unit	5	20	15	12	50.0%	6	7.1	5.0

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 9: Station JS5 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	0.7	7.4	6.7	12	0.0%	0	4.4	2.3
Dissolved Oxygen	mg/L	11.7	13.76	2.06	12	0.0%	0	12.72	0.7
pH	pH	6.51	8	1.49	12	0.0%	0	7.43	0.4
Conductivity	umhos/cm	27	71.3	44.3	12	0.0%	0	45.1	14.8
Lab Turbidity	NTU	0.11	2.48	2.37	12	0.0%	0	0.72	0.8
Nitrate as N	mg/L	0.192	1.85	1.658	12	0.0%	0	0.63	0.5
Ammonia as N	mg/L	0.1	0.1	0	12	100.0%	12	0.1	0.0
Sulfate	mg/L	2.17	14.1	11.93	12	0.0%	0	6.6	3.5
Chloride	mg/L	1	1.8	0.8	12	83.3%	10	1.1	0.2
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	23	72	49	12	0.0%	0	45.9	16.8
Total Suspended Solids	mg/L	4	4	0	12	91.7%	11	4	0.0
Hardness, Total	mg/L	17.9	49.7	31.8	12	0.0%	0	31.1	11.3
Total Recoverable Aluminum	ug/L	3.7	61	57.3	12	0.0%	0	20.5	17.8
Dissolved Arsenic	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.0
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Copper	ug/L	1	1.1	0.1	12	91.7%	11	1	0.0
Total Recoverable Copper	ug/L	1	1.4	0.4	12	75.0%	9	1.1	0.2
Total Recoverable Iron	mg/L	0.05	0.152	0.102	12	66.7%	8	0.061	0.0
Dissolved Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.17	0.01	12	91.7%	11	0.16	0.0
Total Recoverable Manganese	ug/L	1	8	7	12	8.3%	1	3.1	2.1
Mercury Dissolved	ug/L	0.001	0.001	0	7	100.0%	7	0.001	0.0
Mercury Total	ug/L	0.001	0.001	0	6	100.0%	6	0.001	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Selenium	ug/L	1	1	0	12	100.0%	12	1	0.0
Dissolved Silver	ug/L	0.1	0.1	0	5	100.0%	5	0.1	0.0
Dissolved Zinc	ug/L	2.5	3.1	0.6	12	83.3%	10	2.6	0.2
Total Recoverable Zinc	ug/L	2.5	2.5	0	12	100.0%	12	2.5	0.0
Color	Color Unit	5	20	15	12	66.7%	8	6.7	4.4

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 10: Station SH103 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	0.4	8.7	8.3	12	0.0%	0	4.8	2.8
Dissolved Oxygen	mg/L	10.58	13.33	2.75	12	0.0%	0	11.95	0.9
pH	pH	6.81	7.86	1.05	12	0.0%	0	7.29	0.3
Conductivity	umhos/cm	32.4	1203	1170.6	12	0.0%	0	309.3	393.6
Lab Turbidity	NTU	0.1	0.34	0.24	12	0.0%	0	0.19	0.1
Nitrate as N	mg/L	0.499	111	110.501	12	0.0%	0	24.962	42.1
Ammonia as N	mg/L	0.05	0.22	0.17	12	91.7%	11	0.106	0.0
Sulfate	mg/L	7.07	659	651.93	12	0.0%	0	158.96	225.5
Chloride	mg/L	1	11	10	12	50.0%	6	3.4	3.8
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	37	1630	1593	12	0.0%	0	406	584.0
Total Suspended Solids	mg/L	4	4	0	12	100.0%	12	4	0.0
Hardness, Total	mg/L	28.2	902	873.8	12	0.0%	0	245.4	323.2
Total Recoverable Aluminum	ug/L	2.6	10.8	8.2	12	0.0%	0	4.5	2.2
Dissolved Arsenic	ug/L	2.5	2.5	0	6	100.0%	6	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	91.7%	11	0.028	0.0
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	83.3%	10	0.028	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	6	100.0%	6	2.5	0.0
Dissolved Copper	ug/L	1	1.9	0.9	12	58.3%	7	1.2	0.3
Total Recoverable Copper	ug/L	1	1.8	0.8	12	58.3%	7	1.2	0.3
Total Recoverable Iron	mg/L	0.05	0.05	0	12	100.0%	12	0.05	0.0
Dissolved Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Manganese	ug/L	0.4	4	3.6	12	91.7%	11	1.2	0.9
Mercury Dissolved	ug/L	0.001	0.0015	0.0005	7	71.4%	5	0.0011	0.0
Mercury Total	ug/L	0.001	0.001	0	6	100.0%	6	0.001	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Selenium	ug/L	1	1	0	12	100.0%	12	1	0.0
Dissolved Silver	ug/L	0.1	0.1	0	6	100.0%	6	0.1	0.0
Dissolved Zinc	ug/L	2.5	3.7	1.2	12	58.3%	7	2.8	0.4
Total Recoverable Zinc	ug/L	2.5	5.7	3.2	12	91.7%	11	2.8	0.9
Color	Color Unit	5	5	0	12	75.0%	9	5	0.0

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 11: Station SH105 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	-0.1	9.3	9.4	12	0.0%	0	5.2	3.2
Dissolved Oxygen	mg/L	10.83	14.68	3.85	12	0.0%	0	13.04	1.4
pH	pH	6.68	7.82	1.14	12	0.0%	0	7.23	0.4
Conductivity	umhos/cm	42.6	158.8	116.2	12	0.0%	0	88.2	37.8
Lab Turbidity	NTU	0.21	1.08	0.87	12	0.0%	0	0.5	0.3
Nitrate as N	mg/L	0.48	3.46	2.98	12	0.0%	0	1.44	1.0
Ammonia as N	mg/L	0.098	0.32	0.222	12	41.7%	5	0.158	0.1
Sulfate	mg/L	8.39	54.3	45.91	12	0.0%	0	23.08	15.9
Chloride	mg/L	1.5	14	12.5	12	0.0%	0	5.4	4.0
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	54	180	126	12	0.0%	0	100	49.0
Total Suspended Solids	mg/L	4	4	0	12	100.0%	12	4	0.0
Hardness, Total	mg/L	32.5	93	60.5	12	0.0%	0	54.6	20.7
Total Recoverable Aluminum	ug/L	9.7	70.5	60.8	12	0.0%	0	26.9	20.7
Dissolved Arsenic	ug/L	2.5	2.5	0	6	100.0%	6	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	91.7%	11	0.028	0.0
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	83.3%	10	0.028	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	6	100.0%	6	2.5	0.0
Dissolved Copper	ug/L	1	1.5	0.5	12	66.7%	8	1.1	0.2
Total Recoverable Copper	ug/L	1	1.8	0.8	12	66.7%	8	1.1	0.3
Total Recoverable Iron	mg/L	0.05	0.17	0.12	12	58.3%	7	0.072	0.0
Dissolved Lead	ug/L	0.16	0.17	0.01	12	91.7%	11	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Manganese	ug/L	1.6	8.4	6.8	12	0.0%	0	3.87	2.2
Mercury Dissolved	ug/L	0.001	0.0014	0.0004	7	85.7%	6	0.0011	0.0
Mercury Total	ug/L	0.001	0.0016	0.0006	6	50.0%	3	0.0012	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Selenium	ug/L	1	1	0	12	91.7%	11	1	0.0
Dissolved Silver	ug/L	0.1	0.1	0	6	100.0%	6	0.1	0.0
Dissolved Zinc	ug/L	2.5	2.7	0.2	12	83.3%	10	2.5	0.1
Total Recoverable Zinc	ug/L	2.5	2.5	0	12	100.0%	12	2.5	0.0
Color	Color Unit	5	30	25	12	33.3%	4	11.7	9.8

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 12: Station SH109 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	0.1	9.1	9	12	0.0%	0	4.3	3.3
Dissolved Oxygen	mg/L	11.07	14.99	3.92	12	0.0%	0	13.03	1.4
pH	pH	6.91	7.74	0.83	12	0.0%	0	7.39	0.3
Conductivity	umhos/cm	28	72.7	44.7	12	0.0%	0	50.6	11.3
Lab Turbidity	NTU	0.1	1.04	0.94	12	8.3%	1	0.43	0.3
Nitrate as N	mg/L	0.05	0.479	0.429	12	16.7%	2	0.196	0.1
Ammonia as N	mg/L	0.05	0.1	0.05	12	100.0%	12	0.096	0.0
Sulfate	mg/L	3.17	12.1	8.93	12	0.0%	0	6.84	2.8
Chloride	mg/L	1	1.7	0.7	12	66.7%	8	1.1	0.2
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	49	165	116	12	0.0%	0	65	31.0
Total Suspended Solids	mg/L	4	4	0	12	100.0%	12	4	0.0
Hardness, Total	mg/L	26.5	58.9	32.4	12	0.0%	0	41.2	9.6
Total Recoverable Aluminum	ug/L	5.6	36.2	30.6	12	0.0%	0	15.5	8.6
Dissolved Arsenic	ug/L	2.5	2.5	0	6	100.0%	6	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	83.3%	10	0.028	0.0
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	83.3%	10	0.028	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	6	100.0%	6	2.5	0.0
Dissolved Copper	ug/L	1	2.4	1.4	12	66.7%	8	1.2	0.4
Total Recoverable Copper	ug/L	1	2.6	1.6	12	58.3%	7	1.2	0.5
Total Recoverable Iron	mg/L	0.05	0.065	0.015	12	83.3%	10	0.052	0.0
Dissolved Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Manganese	ug/L	1	2.8	1.8	12	33.3%	4	1.45	0.5
Mercury Dissolved	ug/L	0.001	0.001	0	7	100.0%	7	0.001	0.0
Mercury Total	ug/L	0.001	0.0016	0.0006	5	60.0%	3	0.0012	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	2	1	12	91.7%	11	1.1	0.3
Total Recoverable Selenium	ug/L	1	1	0	12	100.0%	12	1	0.0
Dissolved Silver	ug/L	0.1	0.1	0	6	100.0%	6	0.1	0.0
Dissolved Zinc	ug/L	2.5	2.5	0	12	91.7%	11	2.5	0.0
Total Recoverable Zinc	ug/L	2.5	2.5	0	12	100.0%	12	2.5	0.0
Color	Color Unit	5	20	15	12	58.3%	7	7.1	4.5

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 13: Station SH111 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	3.8	8.5	4.7	9	0.0%	0	6.1	1.7
Dissolved Oxygen	mg/L	10.75	13.69	2.94	9	0.0%	0	12.25	1.0
pH	pH	7.08	8.07	0.99	9	0.0%	0	7.58	0.3
Conductivity	umhos/cm	23.2	43	19.8	9	0.0%	0	32	6.1
Lab Turbidity	NTU	0.14	0.57	0.43	9	0.0%	0	0.25	0.1
Nitrate as N	mg/L	0.059	0.631	0.572	9	0.0%	0	0.234	0.2
Ammonia as N	mg/L	0.05	0.1	0.05	9	100.0%	9	0.094	0.0
Sulfate	mg/L	1.88	3.45	1.57	9	0.0%	0	2.49	0.6
Chloride	mg/L	1	1	0	9	100.0%	9	1	0.0
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	26	43	17	9	0.0%	0	35.8	6.0
Total Suspended Solids	mg/L	4	4	0	9	100.0%	9	4	0.0
Hardness, Total	mg/L	20.1	27.7	7.6	9	0.0%	0	23.2	2.8
Total Recoverable Aluminum	ug/L	3.8	6.9	3.1	9	0.0%	0	5.2	1.1
Dissolved Arsenic	ug/L	2.5	2.5	0	3	100.0%	3	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.02	0	9	100.0%	9	0.02	0.0
Total Recoverable Cadmium	ug/L	0.02	0.02	0	9	100.0%	9	0.02	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	3	100.0%	3	2.5	0.0
Dissolved Copper	ug/L	1	1	0	9	100.0%	9	1	0.0
Total Recoverable Copper	ug/L	1	1	0	9	100.0%	9	1	0.0
Total Recoverable Iron	mg/L	0.05	0.05	0	9	100.0%	9	0.05	0.0
Dissolved Lead	ug/L	0.16	0.16	0	9	100.0%	9	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.16	0	9	100.0%	9	0.16	0.0
Total Recoverable Manganese	ug/L	0.4	1	0.6	9	100.0%	9	0.93	0.2
Mercury Dissolved	ug/L	0.001	0.001	0	4	100.0%	4	0.001	0.0
Mercury Total	ug/L	0.001	0.001	0	6	100.0%	6	0.001	0.0
Dissolved Nickel	ug/L	1	1	0	9	100.0%	9	1	0.0
Total Recoverable Nickel	ug/L	1	1	0	9	100.0%	9	1	0.0
Total Recoverable Selenium	ug/L	1	1	0	9	100.0%	9	1	0.0
Dissolved Silver	ug/L	0.1	0.1	0	3	100.0%	3	0.1	0.0
Dissolved Zinc	ug/L	2.5	3.2	0.7	9	77.8%	7	2.6	0.2
Total Recoverable Zinc	ug/L	2.5	2.5	0	9	100.0%	9	2.5	0.0
Color	Color Unit	5	5	0	9	88.9%	8	5	0.0

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 14: Station SH113 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	2.4	9.6	7.2	12	0.0%	0	6.3	2.6
Dissolved Oxygen	mg/L	10.53	13.75	3.22	12	0.0%	0	12.35	1.1
pH	pH	7.13	7.97	0.84	12	0.0%	0	7.55	0.3
Conductivity	umhos/cm	71.7	256.3	184.6	12	0.0%	0	147.5	56.9
Lab Turbidity	NTU	0.35	2.5	2.15	12	0.0%	0	0.79	0.6
Nitrate as N	mg/L	1.07	4.6	3.53	12	0.0%	0	2.29	1.2
Ammonia as N	mg/L	0.34	1.26	0.92	12	0.0%	0	0.661	0.3
Sulfate	mg/L	18.2	94.1	75.9	12	0.0%	0	44	23.2
Chloride	mg/L	4.2	24	19.8	12	0.0%	0	10	6.4
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	59	263	204	12	0.0%	0	137	62.0
Total Suspended Solids	mg/L	4	4	0	12	100.0%	12	4	0.0
Hardness, Total	mg/L	49.5	129	79.5	12	0.0%	0	82.9	23.3
Total Recoverable Aluminum	ug/L	10.9	38.5	27.6	12	0.0%	0	19.9	9.4
Dissolved Arsenic	ug/L	2.5	2.5	0	6	100.0%	6	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.12	0.1	12	83.3%	10	0.029	0.0
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	83.3%	10	0.028	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	6	100.0%	6	2.5	0.0
Dissolved Copper	ug/L	1	1.9	0.9	12	66.7%	8	1.1	0.3
Total Recoverable Copper	ug/L	1	2.2	1.2	12	66.7%	8	1.2	0.4
Total Recoverable Iron	mg/L	0.052	0.781	0.729	12	0.0%	0	0.142	0.2
Dissolved Lead	ug/L	0.16	0.18	0.02	12	91.7%	11	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Manganese	ug/L	2.9	42.4	39.5	12	0.0%	0	13.35	11.9
Mercury Dissolved	ug/L	0.001	0.0025	0.0015	7	71.4%	5	0.0014	0.0
Mercury Total	ug/L	0.001	0.0021	0.0011	5	40.0%	2	0.0014	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Selenium	ug/L	1	1.7	0.7	12	83.3%	10	1.1	0.2
Dissolved Silver	ug/L	0.1	0.1	0	6	100.0%	6	0.1	0.0
Dissolved Zinc	ug/L	2.5	3.5	1	12	66.7%	8	2.7	0.3
Total Recoverable Zinc	ug/L	2.5	2.5	0	12	100.0%	12	2.5	0.0
Color	Color Unit	5	20	15	12	50.0%	6	8.8	5.3

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 15: Station MLA 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	0.3	15.9	15.6	12	0.0%	0	6	5.8
Dissolved Oxygen	mg/L	8.38	13.33	4.95	12	0.0%	0	11.01	1.5
pH	pH	6.95	8.17	1.22	12	0.0%	0	7.67	0.3
Conductivity	umhos/cm	29.6	308.6	279	12	0.0%	0	82.6	73.7
Lab Turbidity	NTU	0.34	1.05	0.71	12	0.0%	0	0.59	0.2
Nitrate as N	mg/L	0.05	0.1	0.05	12	100.0%	12	0.067	0.0
Ammonia as N	mg/L	0.05	0.1	0.05	12	100.0%	12	0.096	0.0
Sulfate	mg/L	1.51	5.78	4.27	12	0.0%	0	2.66	1.1
Chloride	mg/L	1	2	1	12	58.3%	7	1.4	0.4
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	25	114	89	12	0.0%	0	69.3	22.4
Total Suspended Solids	mg/L	4	4	0	12	100.0%	12	4	0.0
Hardness, Total	mg/L	25	70.9	45.9	12	0.0%	0	51.4	13.5
Total Recoverable Aluminum	ug/L	28.9	119	90.1	12	0.0%	0	65.4	26.2
Dissolved Arsenic	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.0
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Copper	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Copper	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Iron	mg/L	0.063	0.266	0.203	12	0.0%	0	0.18	0.1
Dissolved Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Manganese	ug/L	13.9	96.3	82.4	12	0.0%	0	29.3	22.2
Mercury Dissolved	ug/L	0.001	0.0024	0.0014	6	16.7%	1	0.0016	0.0
Mercury Total	ug/L	0.001	0.0027	0.0017	6	0.0%	0	0.0018	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Selenium	ug/L	1	1	0	12	100.0%	12	1	0.0
Dissolved Silver	ug/L	0.1	0.1	0	5	100.0%	5	0.1	0.0
Dissolved Zinc	ug/L	2.5	3.8	1.3	12	83.3%	10	2.6	0.4
Total Recoverable Zinc	ug/L	2.5	2.5	0	12	100.0%	12	2.5	0.0
Color	Color Unit	20	100	80	12	0.0%	0	51.7	22.8

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 16: Station SMP-5 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	1.1	16.3	15.2	12	0.0%	0	6.6	5.5
Dissolved Oxygen	mg/L	9.02	15.28	6.26	12	0.0%	0	12.31	2.1
pH	pH	6.7	8.15	1.45	12	0.0%	0	7.66	0.4
Conductivity	umhos/cm	66.7	458.2	391.5	12	0.0%	0	259.1	127.4
Lab Turbidity	NTU	0.31	1.02	0.71	12	0.0%	0	0.57	0.2
Nitrate as N	mg/L	1.13	5.14	4.01	12	0.0%	0	2.75	1.4
Ammonia as N	mg/L	0.38	1.47	1.09	12	0.0%	0	0.939	0.4
Sulfate	mg/L	58.1	241	182.9	12	0.0%	0	131.3	62.6
Chloride	mg/L	4.5	13.7	9.2	12	0.0%	0	9.1	3.3
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	146	492	346	12	0.0%	0	285	112.0
Total Suspended Solids	mg/L	4	4	0	12	100.0%	12	4	0.0
Hardness, Total	mg/L	83.4	277	193.6	12	0.0%	0	170.8	60.7
Total Recoverable Aluminum	ug/L	4.7	96.2	91.5	12	0.0%	0	37.5	25.9
Dissolved Arsenic	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.0
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	91.7%	11	0.055	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Copper	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Copper	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Iron	mg/L	0.064	0.443	0.379	12	0.0%	0	0.166	0.1
Dissolved Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Manganese	ug/L	8.2	33.5	25.3	12	0.0%	0	19.8	7.7
Mercury Dissolved	ug/L	0.001	0.0022	0.0012	6	66.7%	4	0.0012	0.0
Mercury Total	ug/L	0.001	0.0023	0.0013	6	50.0%	3	0.0013	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Selenium	ug/L	1	1	0	12	100.0%	12	1	0.0
Dissolved Silver	ug/L	0.1	0.1	0	5	100.0%	5	0.1	0.0
Dissolved Zinc	ug/L	2.5	3.1	0.6	12	58.3%	7	2.6	0.2
Total Recoverable Zinc	ug/L	2.5	2.5	0	12	100.0%	12	2.5	0.0
Color	Color Unit	5	90	85	12	0.0%	0	31.7	23.0

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 17: Station SLB 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	0.4	13.1	12.7	12	0.0%	0	6	5.2
Dissolved Oxygen	mg/L	10.2	14.59	4.39	12	0.0%	0	12.74	1.7
pH	pH	6.89	8.01	1.12	12	0.0%	0	7.65	0.4
Conductivity	umhos/cm	114.9	359	244.1	12	0.0%	0	217.9	85.0
Lab Turbidity	NTU	0.25	1.06	0.81	12	0.0%	0	0.55	0.2
Nitrate as N	mg/L	0.58	5.08	4.5	12	0.0%	0	2.69	1.6
Ammonia as N	mg/L	0.14	1.36	1.22	12	0.0%	0	0.702	0.4
Sulfate	mg/L	27.7	233	205.3	12	0.0%	0	119.7	69.9
Chloride	mg/L	2.4	13.7	11.3	12	0.0%	0	8.3	4.1
Total Residual Chlorine	mg/L	0.05	0.05	0	7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	103	469	366	12	0.0%	0	264	121.0
Total Suspended Solids	mg/L	4	4	0	12	100.0%	12	4	0.0
Hardness, Total	mg/L	67.1	260	192.9	12	0.0%	0	155.2	69.4
Total Recoverable Aluminum	ug/L	8.1	120	111.9	12	0.0%	0	43.3	30.7
Dissolved Arsenic	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	91.7%	11	0.054	0.0
Total Recoverable Cadmium	ug/L	0.02	0.1	0.08	12	66.7%	8	0.057	0.0
Dissolved Chromium	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Copper	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Copper	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Iron	mg/L	0.05	0.372	0.322	12	16.7%	2	0.137	0.1
Dissolved Lead	ug/L	0.16	0.16	0	12	100.0%	12	0.16	0.0
Total Recoverable Lead	ug/L	0.16	0.31	0.15	12	91.7%	11	0.17	0.0
Total Recoverable Manganese	ug/L	6.1	36.2	30.1	12	0.0%	0	14.5	8.7
Mercury Dissolved	ug/L	0.0012	0.0033	0.0021	6	0.0%	0	0.0016	0.0
Mercury Total	ug/L	0.001	0.0029	0.0019	6	33.3%	2	0.0016	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Selenium	ug/L	1	1.4	0.4	12	91.7%	11	1	0.1
Dissolved Silver	ug/L	0.1	0.1	0	5	100.0%	5	0.1	0.0
Dissolved Zinc	ug/L	2.5	3.5	1	12	58.3%	7	2.8	0.4
Total Recoverable Zinc	ug/L	2.5	2.5	0	12	100.0%	12	2.5	0.0
Color	Color Unit	5	90	85	12	8.3%	1	32.1	23.0

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 18: Station SLC 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temp	oC	0.2	14.9	14.7	12	0.0%	0	5.6	5.3
Dissolved Oxygen	mg/L	9.95	15.35	5.4	12	0.0%	0	13.45	1.8
pH	pH	6.53	8.04	1.51	12	0.0%	0	7.54	0.6
Conductivity	umhos/cm	76.4	421.4	345	12	0.0%	0	174.3	101.2
Lab Turbidity	NTU	0.17	0.87	0.7	12	0.0%	0	0.4	0.2
Nitrate as N	mg/L	0.21	3.55	3.34	12	0.0%	0	1.54	1.1
Ammonia as N	mg/L	0.1	0.95	0.85	12	8.3%	1	0.4	0.3
Sulfate	mg/L	12.4	167	154.6	12	0.0%	0	71.8	48.8
Chloride	mg/L	1.9	10.1	8.2	12	0.0%	0	5.7	2.4
Total Residual Chlorine	mg/L	0.05	0.05		7	100.0%	7	0.05	0.0
Total Dissolved Solids	mg/L	73	363	290	12	0.0%	0	183	87.0
Total Suspended Solids	mg/L	4	4	0	12	100.0%	12	4	0.0
Hardness, Total	mg/L	49.8	207	157.2	12	0.0%	0	110.8	50.7
Total Recoverable Aluminum	ug/L	9.6	111	101.4	12	0.0%	0	37	27.1
Dissolved Arsenic	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Cadmium	ug/L	0.02	0.1	0.08	12	100.0%	12	0.053	0.0
Total Recoverable Cadmium	ug/L	0.02	0.24		12	66.7%	8	0.067	0.1
Dissolved Chromium	ug/L	2.5	2.5	0	5	100.0%	5	2.5	0.0
Dissolved Copper	ug/L	1	1.1		12	91.7%	11	1	0.0
Total Recoverable Copper	ug/L	1	1.2	0.2	12	91.7%	11	1	0.1
Total Recoverable Iron	mg/L	0.05	0.24	0.19	12	41.7%	5	0.088	0.1
Dissolved Lead	ug/L	0.16	0.52	0.36	12	91.7%	11	0.19	0.1
Total Recoverable Lead	ug/L	0.16	0.16		12	100.0%	12	0.16	0.0
Total Recoverable Manganese	ug/L	2.8	22.1	19.3	12	0.0%	0	7.7	4.9
Mercury Dissolved	ug/L	0.001	0.0023	0.0013	6	33.3%	2	0.0014	0.0
Mercury Total	ug/L	0.001	0.0035		6	16.7%	1	0.0017	0.0
Dissolved Nickel	ug/L	1	1	0	12	100.0%	12	1	0.0
Total Recoverable Nickel	ug/L	1	1		12	100.0%	12	1	0.0
Total Recoverable Selenium	ug/L	1	1	0	12	100.0%	12	1	0.0
Dissolved Silver	ug/L	0.1	0.1	0	5	100.0%	5	0.1	0.0
Dissolved Zinc	ug/L	2.5	3	0.5	12	75.0%	9	2.6	0.2
Total Recoverable Zinc	ug/L	2.5	2.5		12	100.0%	12	2.5	0.0
Color	Color Unit	5	80	75	12	0.0%	0	27.5	20.9

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table: 19 Outfall 001 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temperature	oC	2.8	12.6	9.8	62	0.0%	0	8.1	2.3
Lab Turbidity	NTU	0.23	2.33	2.1	62	0.0%	0	0.8	0.4
Lab Turbidity 001 Background	NTU	0.1	45.2	45.1	62	3.2%	2	1.1	5.7
Lab Turbidity Difference	NTU	-44.51	2.17	46.68	62	0.0%	0	-0.3	5.8
Total Suspended Solids	mg/L	4	5.2	1.2	190	99.5%	189	4.0	0.1
Sulfate (associated with Na& Mg)	mg/L	35.2	156	120.8	62	0.0%	0	63.7	27.2
Dissolved oxygen	mg/L	10.24	14	3.76	62	0.0%	0	11.9	0.9
Hardness	mg/L	117	203	86	39	0.0%	0	153.8	19.9
Hardness Downstream of Outfall	mg/L	32.2	183	150.8	25	0.0%	0	86.0	36.2
Nitrate as N	mg/L	3.1	10.7	7.6	62	0.0%	0	6.2	1.8
Ammonia as N	mg/L	0.94	3.43	2.49	188	0.0%	0	1.6	0.4
Total Recoverable Arsenic	ug/L	2.5	2.5	0	9	100.0%	9	2.5	0.0
Total Recoverable Iron	mg/L	0.074	0.487	0.413	62	0.0%	0	0.1	0.1
Total Recoverable Selenium	ug/L	1	1.9	0.9	9	11.1%	1	1.5	0.3
Total Chromium	ug/L	2.5	3	0.5	9	77.8%	7	2.6	0.2
Total Recoverable Nickel	ug/L	1	3.8	2.8	62	98.4%	61	1.1	0.4
Total Recoverable Silver	ug/L	0.1	0.1	0	9	100.0%	9	0.1	0.0
Total Recoverable Zinc	ug/L	2.5	6.7	4.2	62	98.4%	61	2.6	0.5
Total Recoverable Cadmium	ug/L	0.02	0.029	0.009	62	91.9%	57	0.0	0.0
Total Recoverable Aluminum	ug/L	4.8	38.2	33.4	62	0.0%	0	13.0	7.3
Total Recoverable Lead	ug/L	0.16	0.16	0	62	100.0%	62	0.2	0.0
Total Recoverable Copper	ug/L	1	1	0	62	100.0%	62	1.0	0.0
Total Recoverable Manganese	ug/L	5.4	46.4	41	62	0.0%	0	20.4	9.8
Total Dissolved Solids	mg/L	190	475	285	62	0.0%	0	307.0	65.0
Mercury Total	ug/L	0.001	0.0013	0.0003	42	90.5%	38	0.0	0.0

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table: 20 Outfall 002 2017 Water Quality Data Summary Statistics

Parameter	Units	Min	Max	Range	Number of Samples	Percent Non-detects	Number of Non-detects	Mean	Standard Deviation
Temperature	oC	2	19.2	17.2	62	0.0%	0	9.1	4.50
Dissolved Oxygen	mg/L	5.25	12.7	7.45	37	0.0%	0	9.28	1.95
Lab Turbidity	NTU	0.27	1.68	1.41	62	0.0%	0	0.55	0.26
Lab Turbidity 002 Background	NTU	0.32	3.05	2.73	62	0.0%	0	0.7	0.50
Lab Turbidity Difference	NTU	-2.31	1.17	3.48	62	0.0%	0	-0.15	0.51
Total Suspended Solids	mg/L	4	5.6	1.6	188	99.5%	187	4	0.10
Ammonia as N	mg/L	1.26	1.88	0.62	66	0.0%	0	1.52	0.15
Nitrate as N	mg/L	3.31	8.48	5.17	62	0.0%	0	4.51	0.64
Hardness, Total	mg/L	180	275	95	63	0.0%	0	244.3	22.20
Hardness Downstream of Outfall	mg/L	36.5	262	225.5	25	0.0%	0	150.2	65.50
Sulfate	mg/L	163	262	99	62	0.0%	0	214	23.60
Total Recoverable Arsenic	ug/L	2.5	2.5	0	8	100.0%	8	2.5	0.00
Total Recoverable Iron	mg/L	0.05	0.641	0.591	62	1.6%	1	0.148	0.11
Total Recoverable Selenium	ug/L	1	1	0	62	100.0%	62	1	0.00
Total Chromium	ug/L	2.5	2.5	0	25	100.0%	25	2.5	0.00
Total Recoverable Nickel	ug/L	1	3.1	2.1	62	91.9%	57	1.1	0.30
Total Recoverable Silver	ug/L	0.1	0.1	0	62	100.0%	62	0.1	0.00
Total Recoverable Zinc	ug/L	2.5	4.7	2.2	62	98.4%	61	2.5	0.30
Total Recoverable Aluminum	ug/L	3.6	17.1	13.5	62	0.0%	0	8.1	2.90
Total Recoverable Cadmium	ug/L	0.02	0.059	0.039	62	93.5%	58	0.021	0.01
Total Recoverable Lead	ug/L	0.16	0.16	0	62	100.0%	62	0.16	0.00
Total Recoverable Copper	ug/L	1	1	0	62	100.0%	62	1	0.00
Total Recoverable Manganese	ug/L	7	41.3	34.3	62	0.0%	0	17.4	7.80
Total Dissolved Solids	mg/L	273	471	198	62	0.0%	0	423	37.00
Mercury Total	ug/L	0.001	0.0013	0.0003	61	93.4%	57	0.001	0.00

*Non -detects are assigned the detection limit for the arithmetic mean, standard deviation and range calculations.

**For a list of PQLs please see Table 22

Table 23

Qualified Data

Sample ID	ANALYTE	MATRIX	METHOD	QC TYPE	Analysis Date	Qualifier
CAK-001EFF-20170103	Turbidity	Water	180.1	SMPL	05-JAN-17	HT
CAK-001EFF-20170103	Nitrate as Nitrogen	Water	300.0	SMPL	05-JAN-17	HT
CAK-001EFF-20170515	Turbidity	Water	180.1	SMPL	18-MAY-17	HT
CAK-001EFF-20170522	Solids, Total Dissolved	Water	SM 2540 C	SMPL	01-JUN-17	HT
CAK-001EFF-20170605	Turbidity	Water	180.1	SMPL	08-JUN-17	HT
CAK-001EFF-20170710	Nitrate as Nitrogen	Water	300.0	SMPL	12-JUL-17	HT
CAK-001EFF-20171023	Turbidity	Water	180.1	SMPL	25-OCT-17	HT
CAK-001EFF-20171023	Nitrate as Nitrogen	Water	300.0	SMPL	25-OCT-17	HT
CAK-001EFF-20171113	Nitrate as Nitrogen	Water	300.0	SMPL	15-NOV-17	HT
CAK-001EFF-20171211	Turbidity	Water	180.1	SMPL	12-DEC-17	HT
CAK-001EFF-20171211	Nitrate as Nitrogen	Water	300.0	SMPL	12-DEC-17	HT
CAK-001EFF-201726	Nitrate as Nitrogen	Water	300.0	SMPL	28-DEC-17	HT
CAK-002EFF-20170522	Solids, Total Dissolved	Water	SM 2540 C	SMPL	06-JUN-17	HT
CAK-002EFF-20170605	Turbidity	Water	180.1	SMPL	08-JUN-17	HT
CAK-002EFF-20171023	Turbidity	Water	180.1	SMPL	25-OCT-17	HT
CAK-002EFF-20171023	Nitrate as Nitrogen	Water	300.0	SMPL	25-OCT-17	HT
CAK-002EFF-201712026	Nitrate as Nitrogen	Water	300.0	SMPL	28-DEC-17	HT
CAK-JS2-2017	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	26-OCT-17	HT
CAK-JS2-2017026	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	27-JUL-17	HT
CAK-JS2-20170622	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-JS2-20170801	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	02-AUG-17	HT
CAK-JS2-20170926	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	27-SEP-17	HT
CAK-JS2-20171116	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	17-NOV-17	HT
CAK-JS2-20171207	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-DEC-17	HT
CAK-JS4-2017	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	26-OCT-17	HT
CAK-JS4-2017026	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	27-JUL-17	HT
CAK-JS4-20170622	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-JS4-20170801	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	02-AUG-17	HT
CAK-JS4-20170926	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	27-SEP-17	HT
CAK-JS4-20171116	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	17-NOV-17	HT
CAK-JS4-20171207	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-DEC-17	HT
CAK-JS5-2017	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	26-OCT-17	HT
CAK-JS5-2017026	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	27-JUL-17	HT

Sample ID	ANALYTE	MATRIX	METHOD	QC TYPE	Analysis Date	Qualifier
CAK-JS5-20170622	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-JS5-20170801	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	02-AUG-17	HT
CAK-JS5-20170926	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	27-SEP-17	HT
CAK-JS5-20171116	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	17-NOV-17	HT
CAK-JS5-20171207	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-DEC-17	HT
CAK-MLA-20170103	Turbidity	Water	180.1	SMPL	05-JAN-17	HT
CAK-MLA-20170605	Turbidity	Water	180.1	SMPL	08-JUN-17	HT
CAK-MLA-20170615	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-MLA-20170725	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	26-JUL-17	HT
CAK-MLA-20170823	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	24-AUG-17	HT
CAK-MLA-20170921	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	22-SEP-17	HT
CAK-MLA-20171019	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	20-OCT-17	HT
CAK-MLA-20171023	Turbidity	Water	180.1	SMPL	25-OCT-17	HT
CAK-MLA-20171128	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	29-NOV-17	HT
CAK-MLA-20171219	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	21-DEC-17	HT
CAK-SH103-2017060617	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH103-20170711	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH103-20170817	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	18-AUG-17	HT
CAK-SH103-20170907	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-SEP-17	HT
CAK-SH103-20171005	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	07-OCT-17	HT
CAK-SH103-20171102	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	03-NOV-17	HT
CAK-SH103-20171207	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-DEC-17	HT
CAK-SH105-2017060617	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH105-20170711	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH105-20170817	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	18-AUG-17	HT
CAK-SH105-20170907	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-SEP-17	HT
CAK-SH105-20171005	Color	Water	SM 2120 B	SMPL	07-OCT-17	HT
CAK-SH105-20171005	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	07-OCT-17	HT
CAK-SH105-20171102	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	03-NOV-17	HT
CAK-SH105-20171207	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-DEC-17	HT
CAK-SH109-20170103	Turbidity	Water	180.1	SMPL	05-JAN-17	HT
CAK-SH109-20170515	Turbidity	Water	180.1	SMPL	18-MAY-17	HT
CAK-SH109-20170605	Turbidity	Water	180.1	SMPL	08-JUN-17	HT

Sample ID	ANALYTE	MATRIX	METHOD	QC TYPE	Analysis Date	Qualifier
CAK-SH109-2017060617	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH109-20170710	Turbidity	Water	180.1	SMPL	12-JUL-17	HT
CAK-SH109-20170711	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH109-20170817	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	18-AUG-17	HT
CAK-SH109-20170907	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-SEP-17	HT
CAK-SH109-20171023	Turbidity	Water	180.1	SMPL	25-OCT-17	HT
CAK-SH109-2017105	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	07-OCT-17	HT
CAK-SH109-20171102	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	03-NOV-17	HT
CAK-SH109-20171207	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-DEC-17	HT
CAK-SH109-20171211	Turbidity	Water	180.1	SMPL	12-DEC-17	HT
CAK-SH111-2017060617	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH111-20170711	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH111-20170817	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	18-AUG-17	HT
CAK-SH111-20170907	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-SEP-17	HT
CAK-SH111-20171005	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	07-OCT-17	HT
CAK-SH111-20171102	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	03-NOV-17	HT
CAK-SH111-20171207	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-DEC-17	HT
CAK-SH113-2017060617	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH113-20170711	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SH113-20170817	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	18-AUG-17	HT
CAK-SH113-20170907	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-SEP-17	HT
CAK-SH113-20171005	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	07-OCT-17	HT
CAK-SH113-20171102	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	03-NOV-17	HT
CAK-SH113-20171207	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	08-DEC-17	HT
CAK-SLB-20170615	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SLB-20170725	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	26-JUL-17	HT
CAK-SLB-20170823	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	24-AUG-17	HT
CAK-SLB-20170921	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	22-SEP-17	HT
CAK-SLB-20171019	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	20-OCT-17	HT
CAK-SLB-20171128	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	29-NOV-17	HT
CAK-SLB-20171219	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	21-DEC-17	HT
CAK-SLC-20170615	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SLC-20170725	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	26-JUL-17	HT

Sample ID	ANALYTE	MATRIX	METHOD	QC TYPE	Analysis Date	Qualifier
CAK-SLC-20170823	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	24-AUG-17	HT
CAK-SLC-20170921	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	22-SEP-17	HT
CAK-SLC-20171019	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	20-OCT-17	HT
CAK-SLC-20171128	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	29-NOV-17	HT
CAK-SLC-20171219	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	21-DEC-17	HT
CAK-SMP-5-20170615	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	13-JUL-17	HT
CAK-SMP-5-20170725	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	26-JUL-17	HT
CAK-SMP-5-20170823	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	24-AUG-17	HT
CAK-SMP-5-20170921	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	22-SEP-17	HT
CAK-SMP-5-20171019	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	20-OCT-17	HT
CAK-SMP-5-20171128	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	29-NOV-17	HT
CAK-SMP-5-20171219	Chlorine, Total Residual	Water	SM 4500-Cl G	SMPL	21-DEC-17	HT
Please note: Total residual chlorine is considered a field parameter and therefore was sent to the laboratory as soon a						

Figures

1-19

Figure 1: Project Area Map

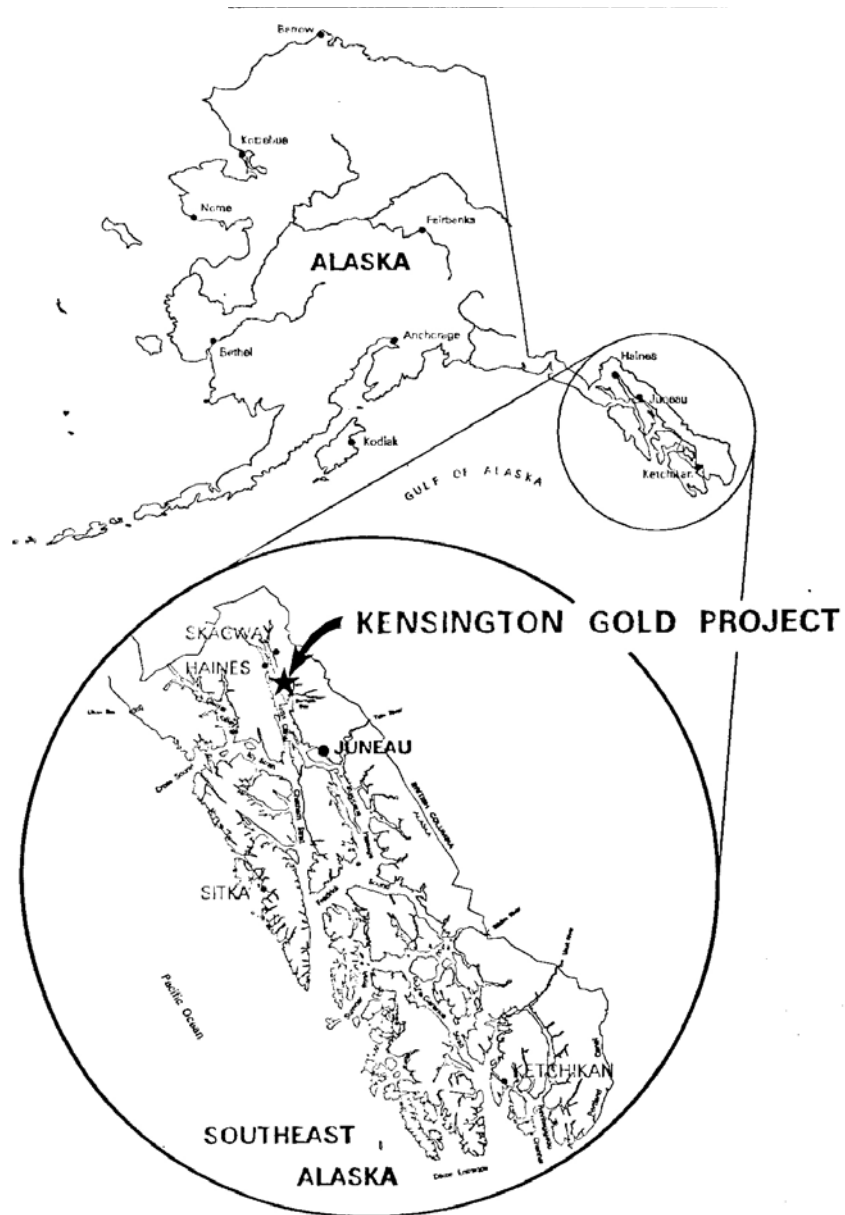


Figure 2: Location of streams and permitted outfalls near Kensington and Jualin Mines, Lynn Canal, southeast Alaska. Water quality monitoring is conducted on Sherman, Ophir, Slate and Johnson Creeks.



Figure 3: Water Treatment Facility Monitoring Sites.

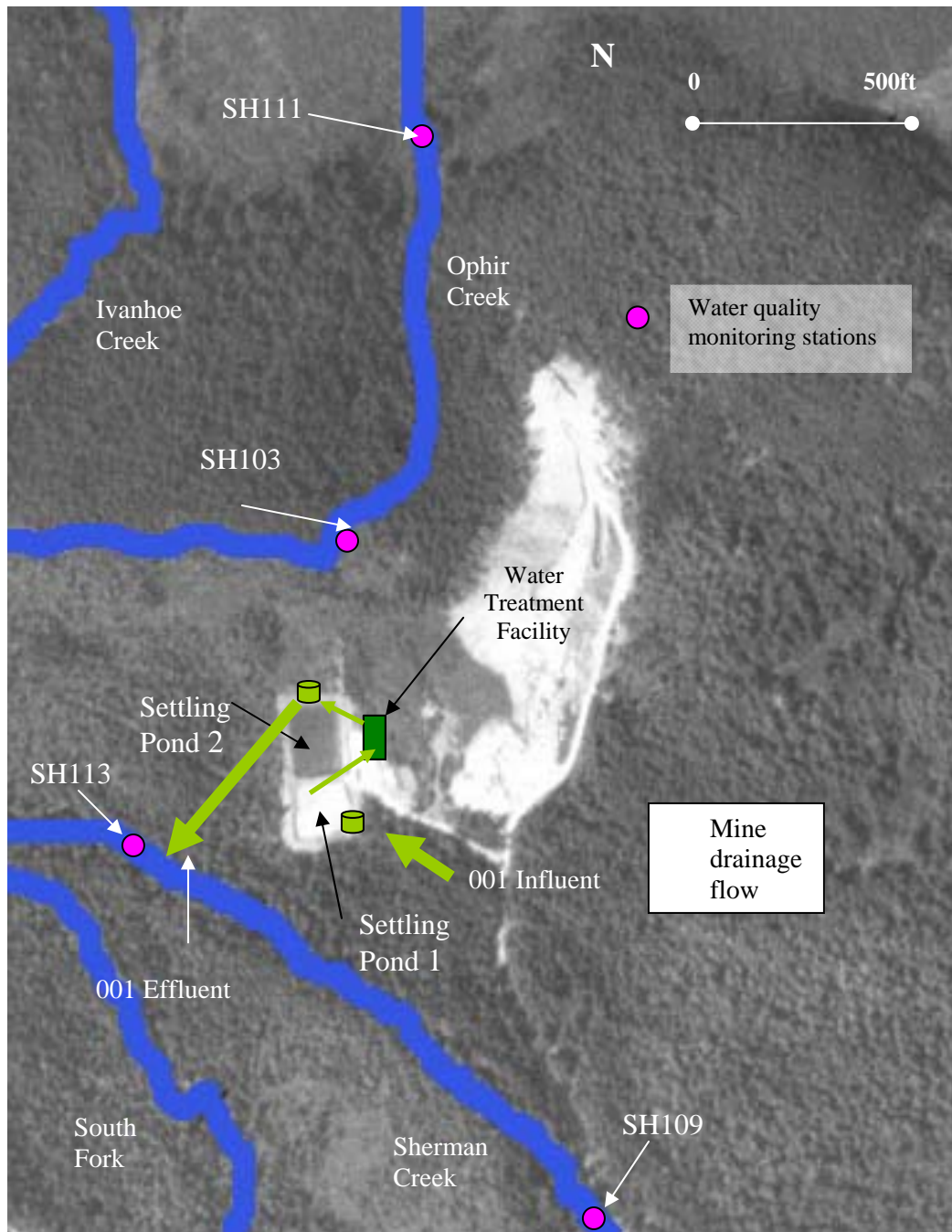


Figure 4: Location of receiving water quality monitoring stations on Sherman and Ophir Creeks.

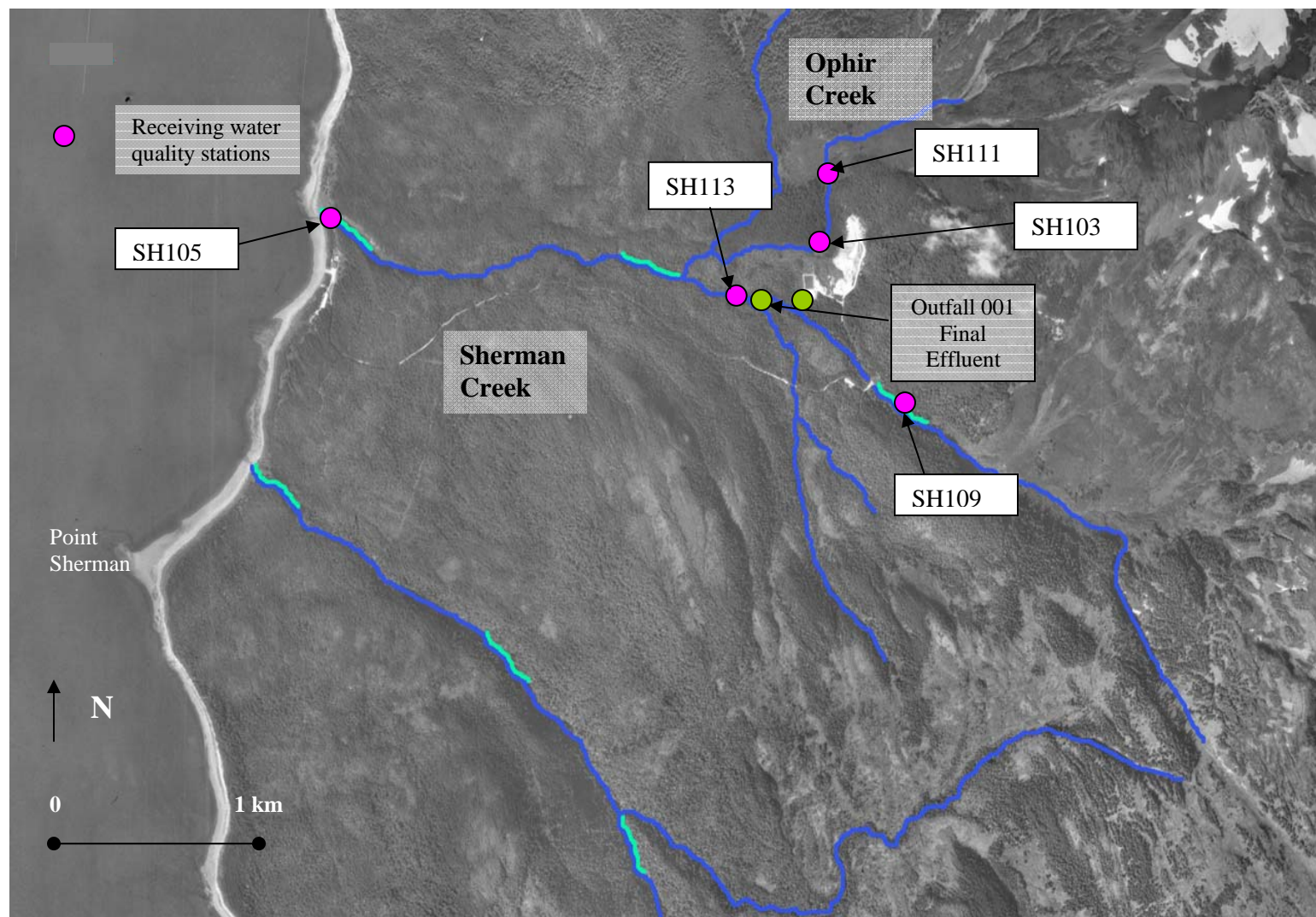


Figure 5: Locations of receiving water quality monitoring stations on Slate and Johnson Creeks.

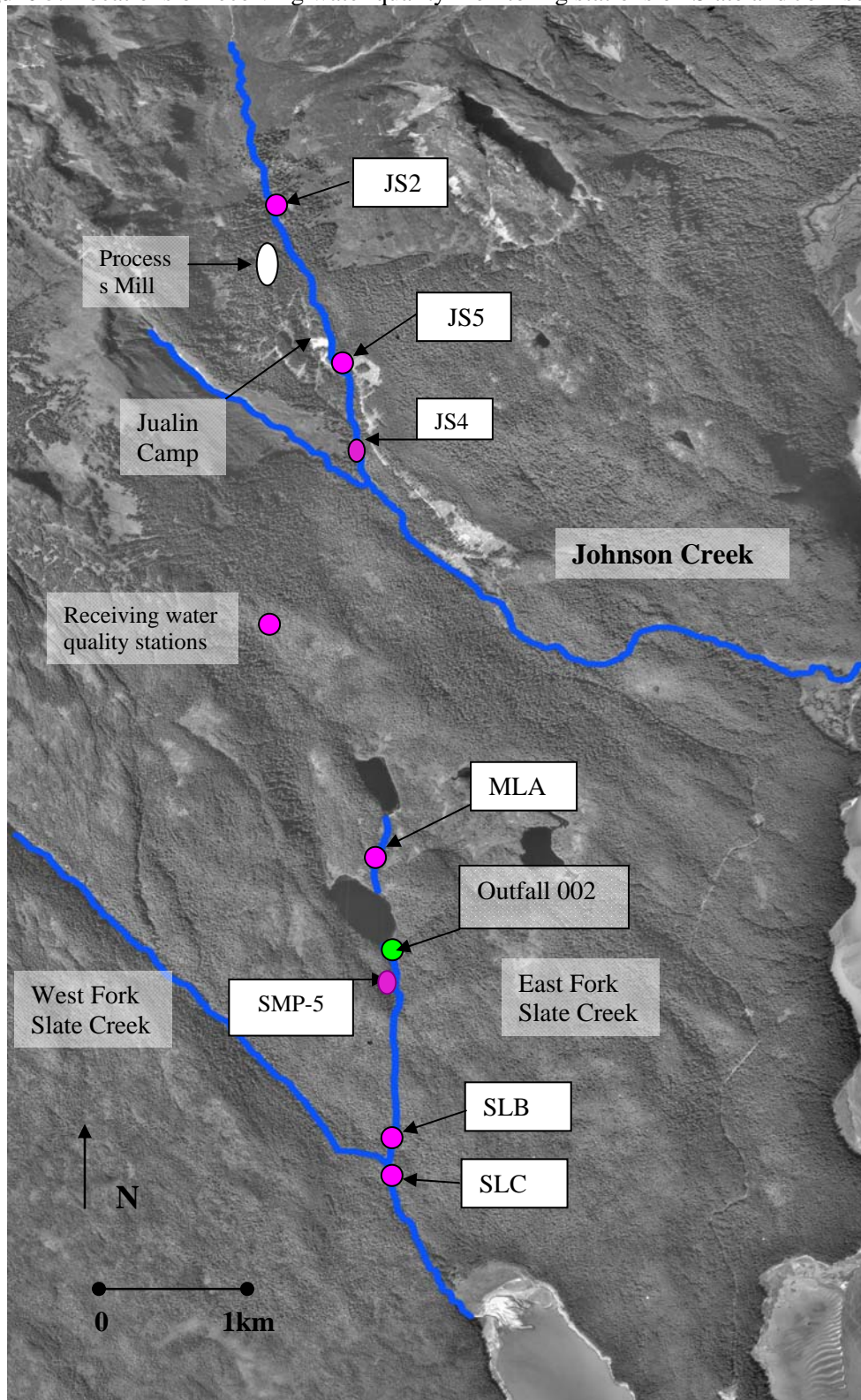


Figure 6a: Johnson Creek (JS2) Monitoring Results 2006 -2017, Field Parameters

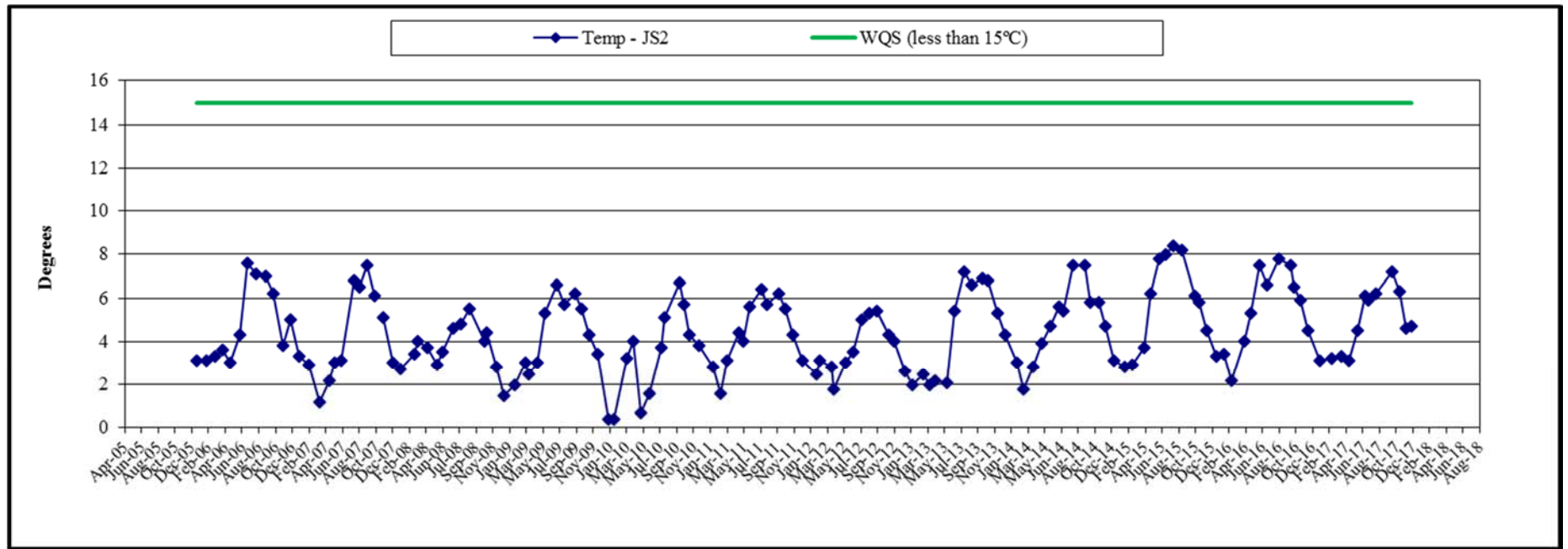


Figure 6a: Johnson Creek (JS2) Monitoring Results 2006 -2017, Field Parameters

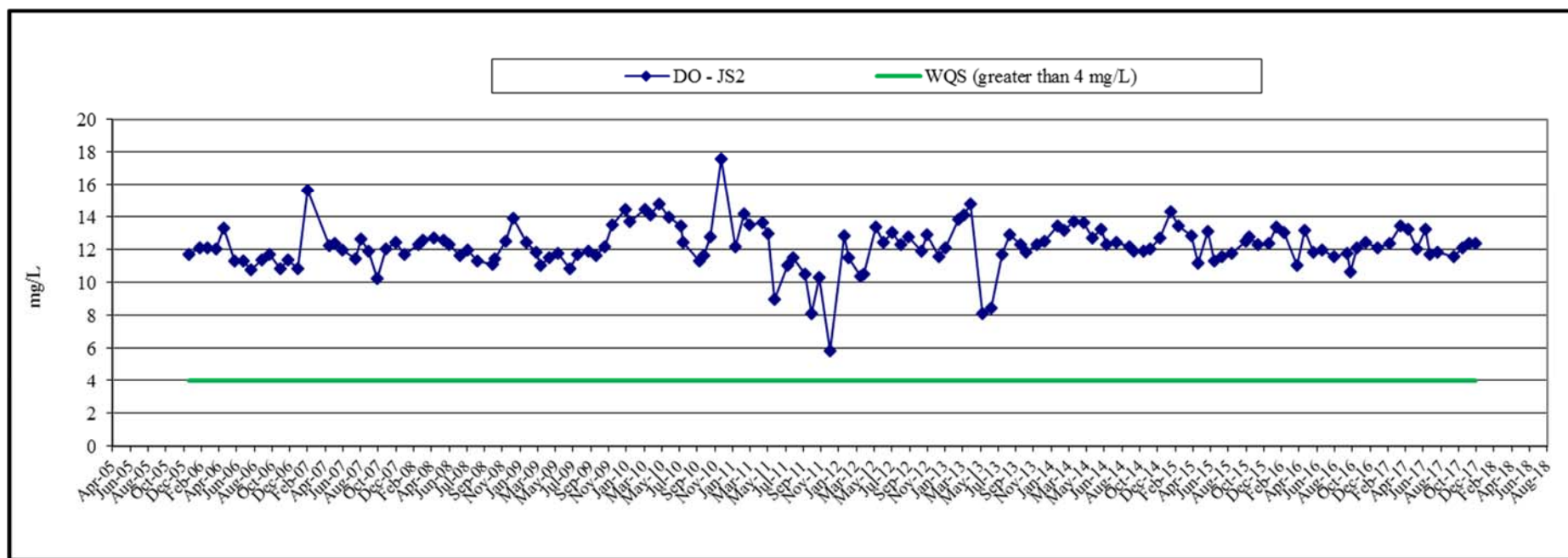


Figure 6a: Johnson Creek (JS2) Monitoring Results 2006 -2017, Field Parameters

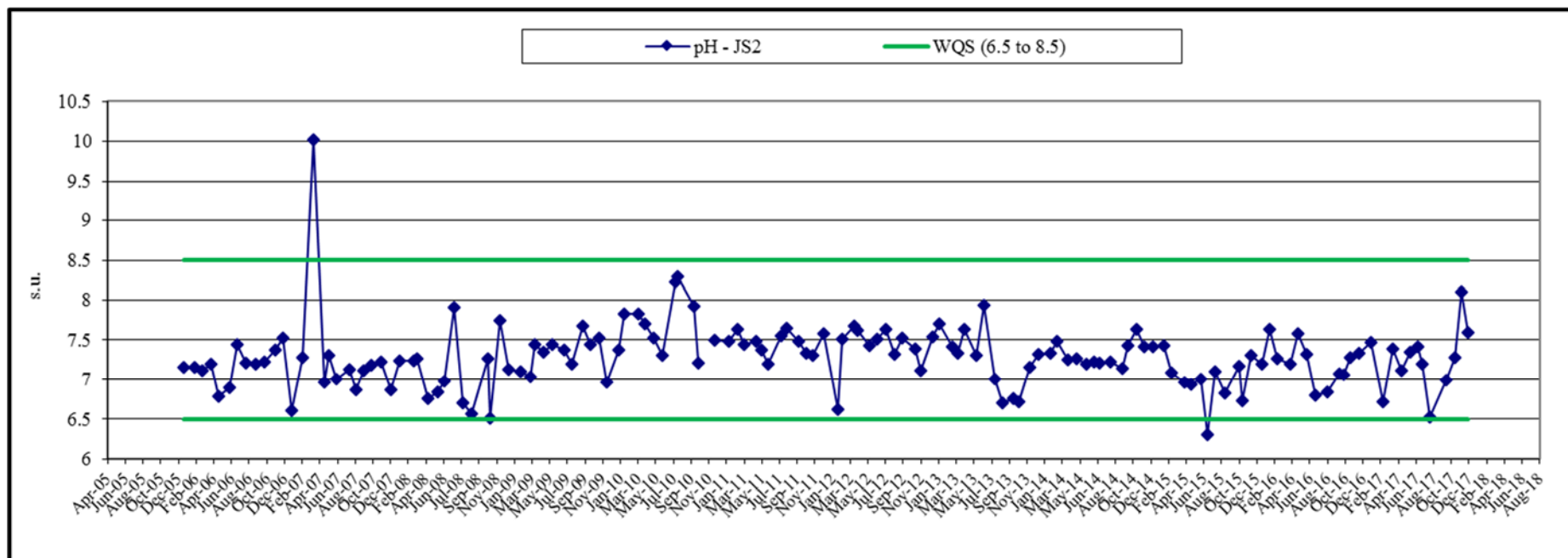


Figure 6a: Johnson Creek (JS2) Monitoring Results 2006 -2017, Field Parameters

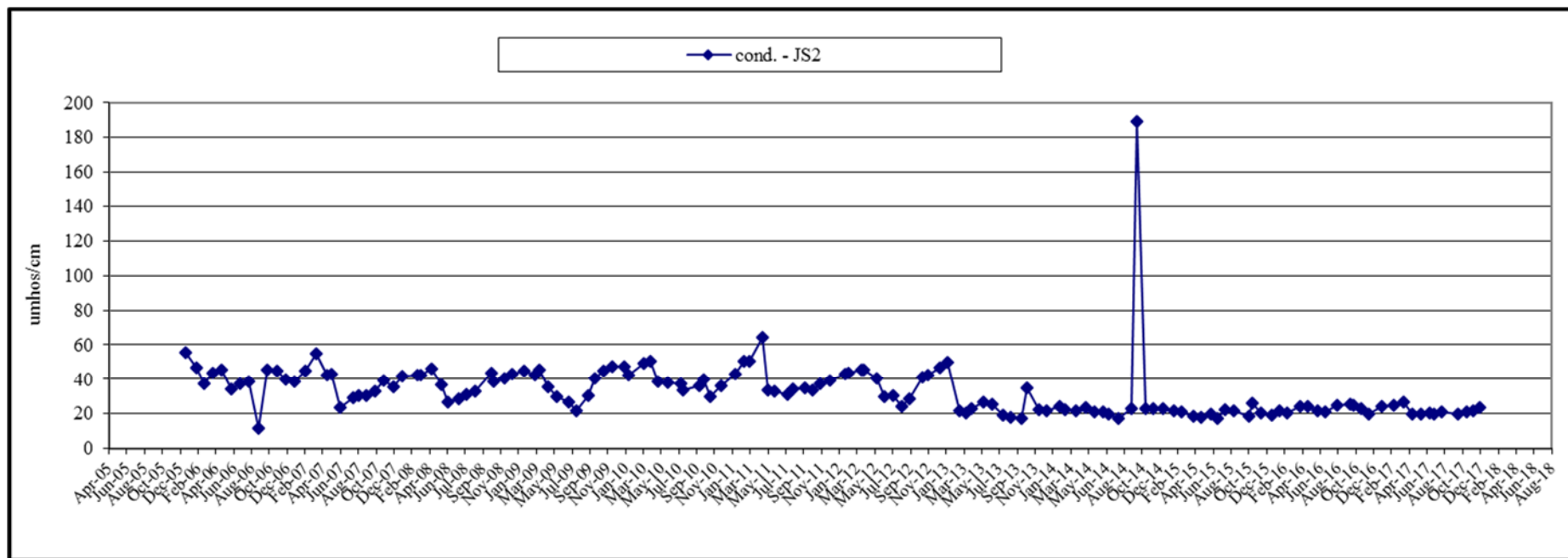


Figure 6b: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

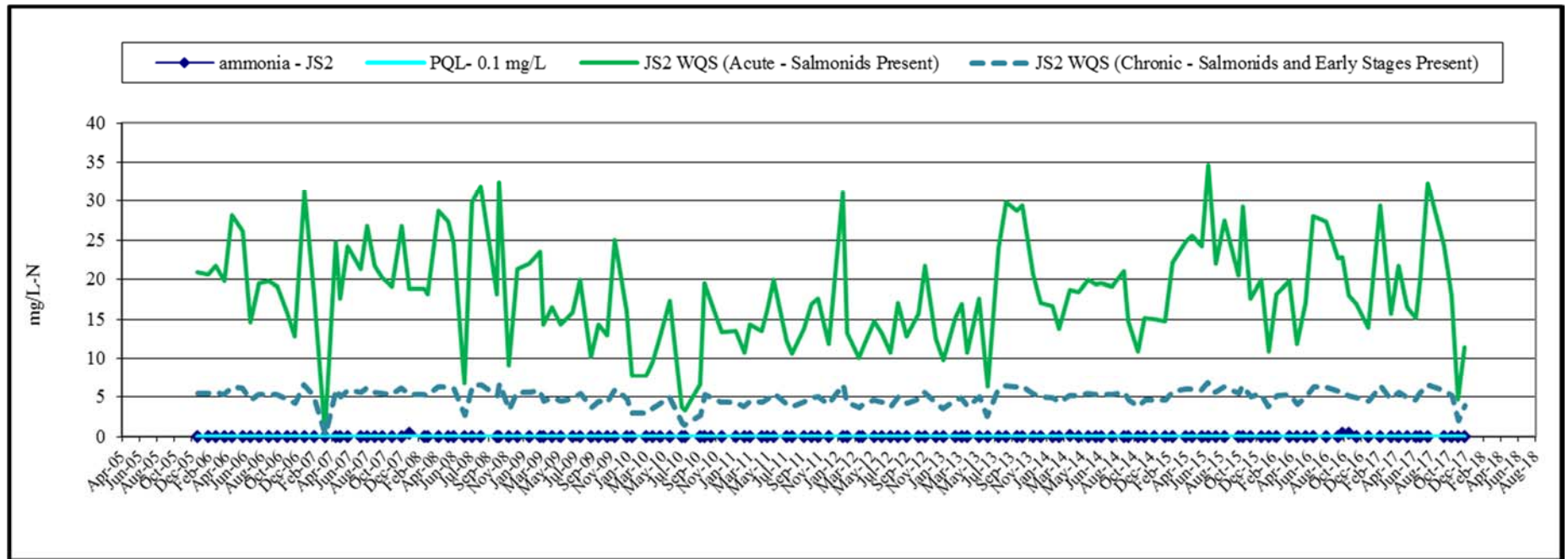


Figure 6b: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

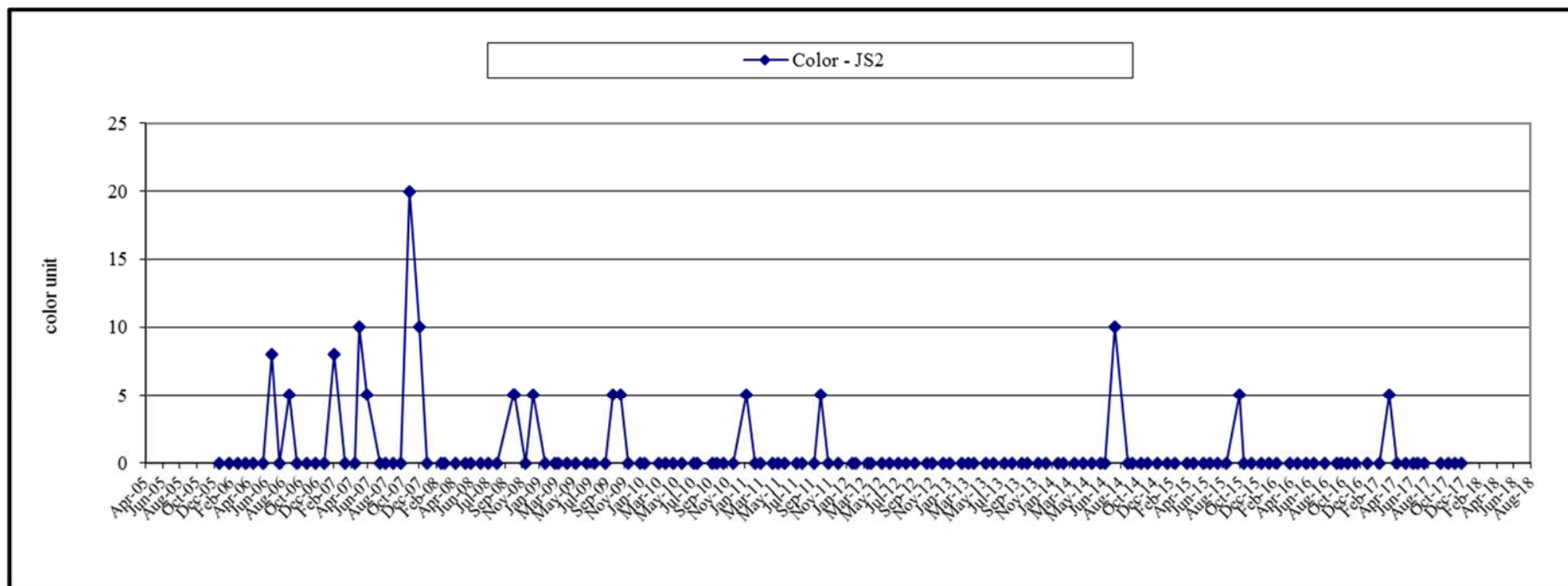


Figure 6b: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

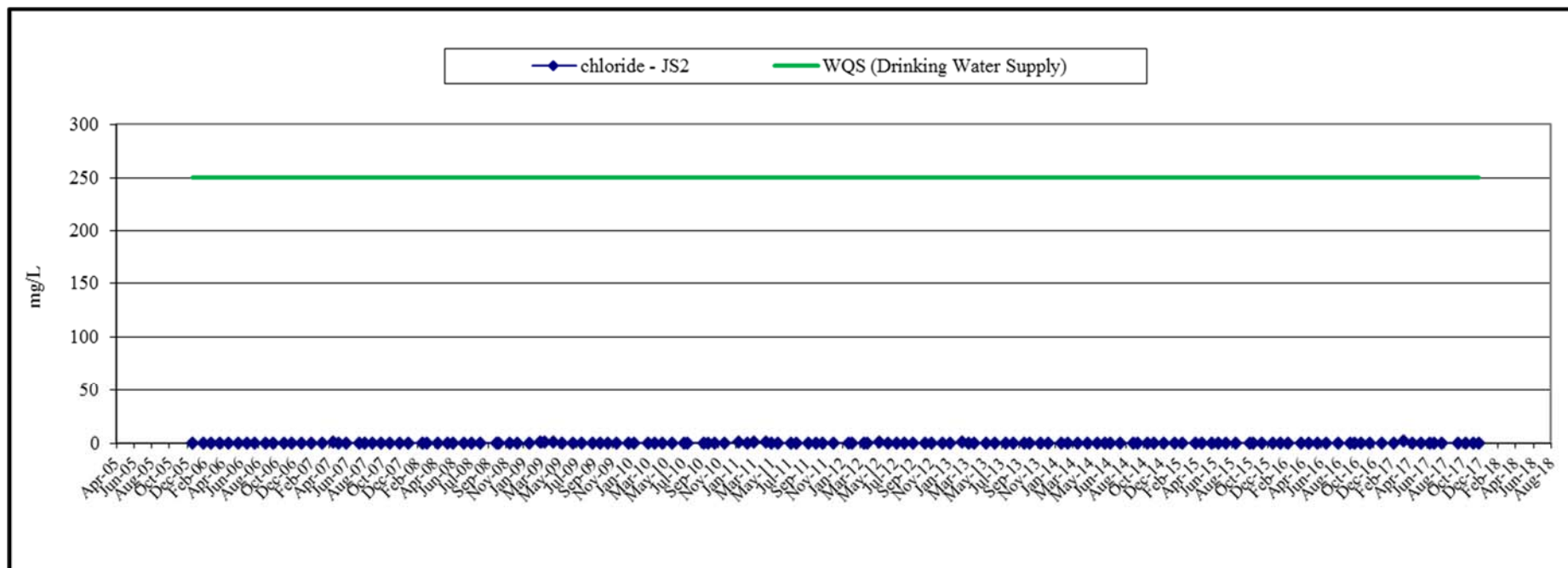


Figure 6b: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

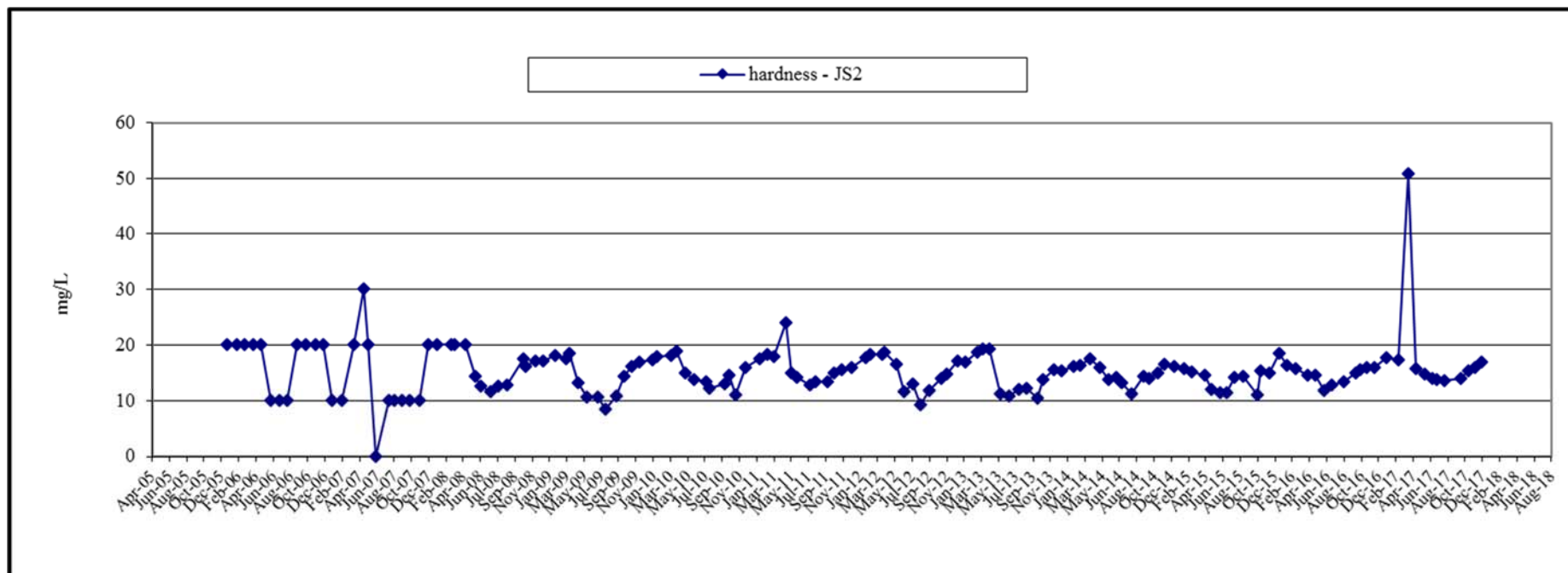


Figure 6b: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

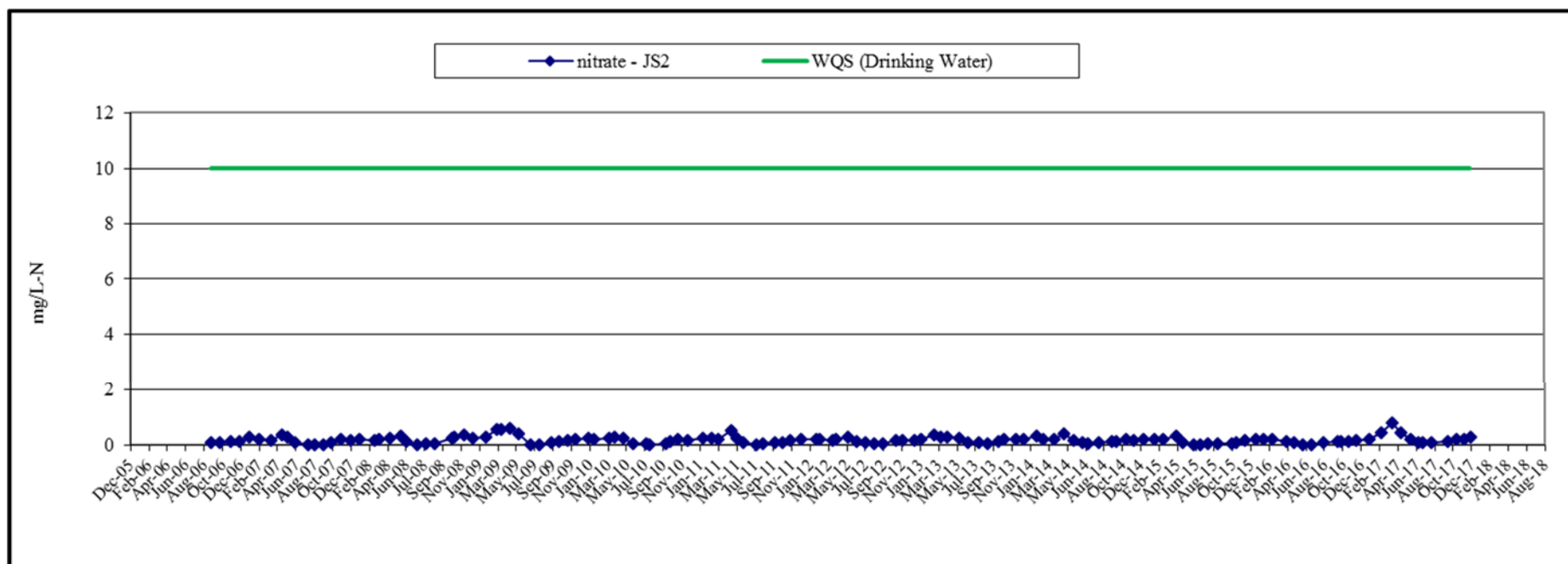


Figure 6b: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

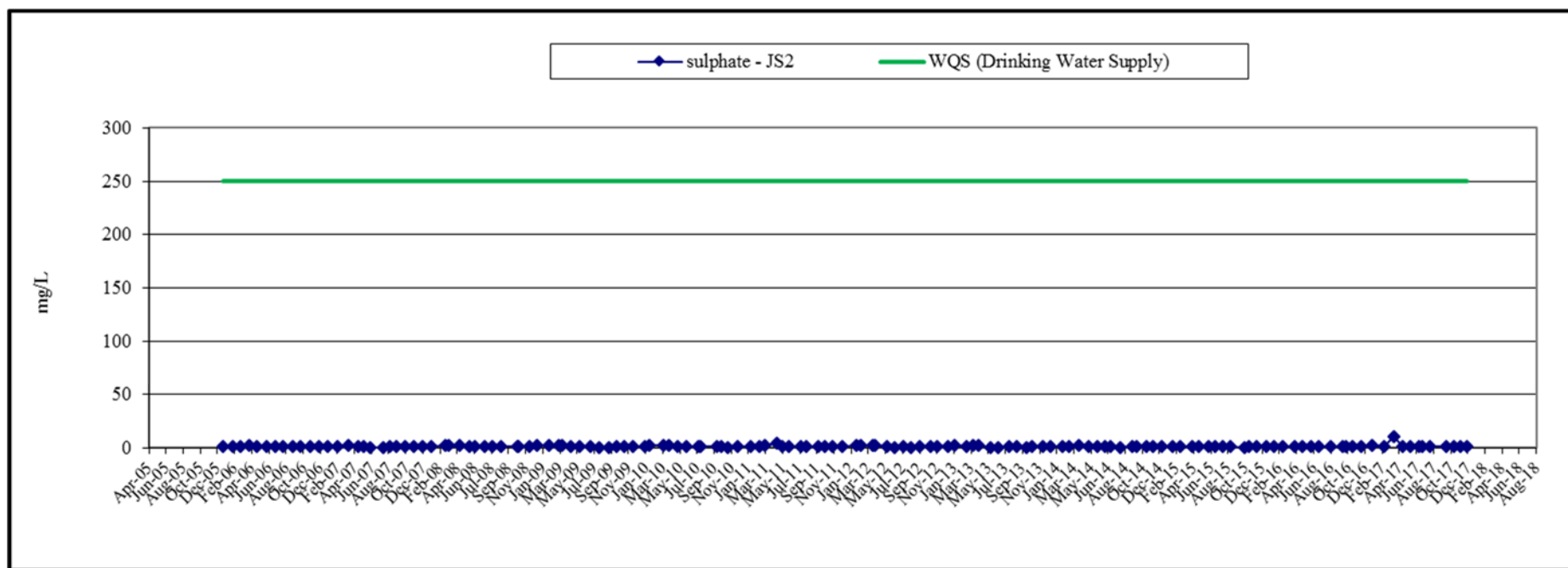


Figure 6b: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

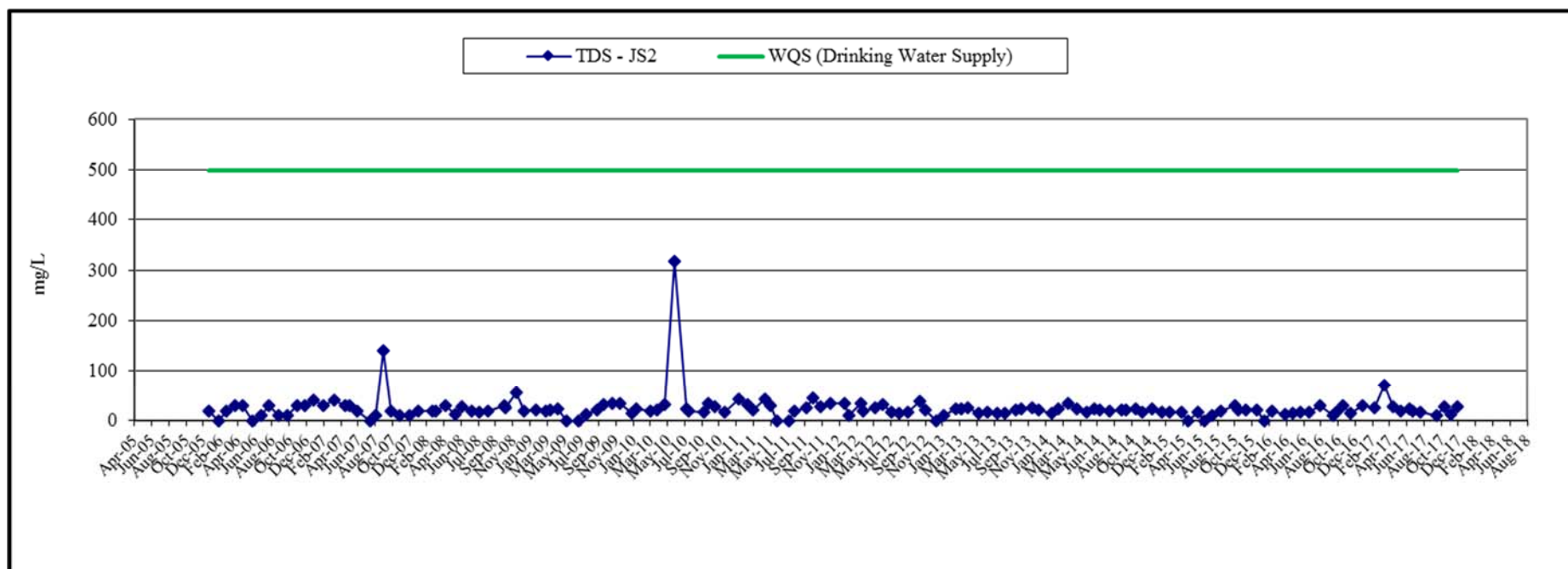


Figure 6b: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

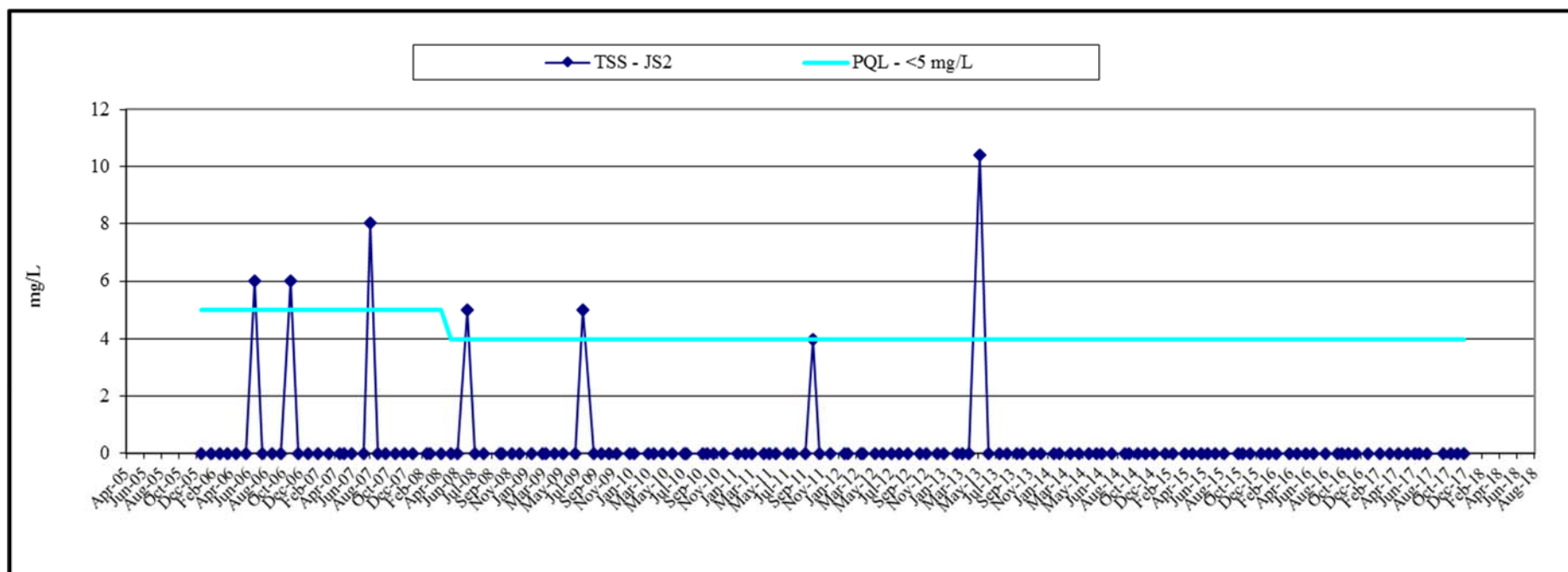


Figure 6b: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

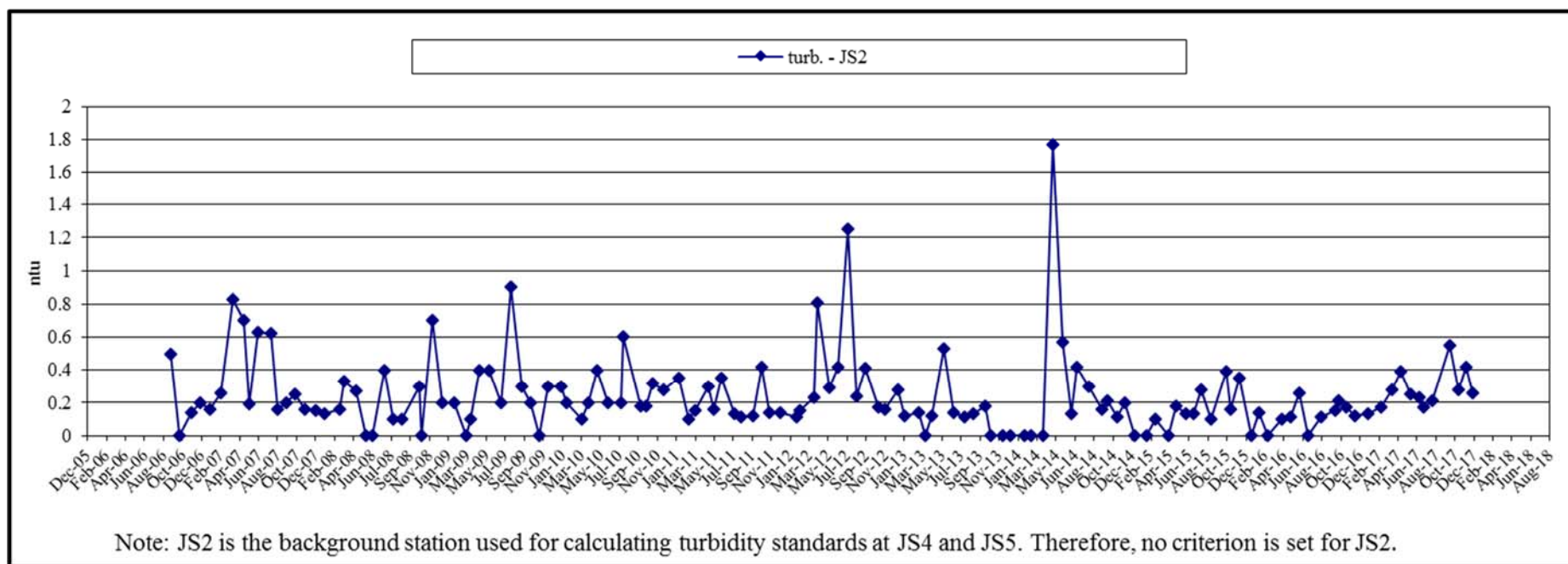


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Major Chemistry

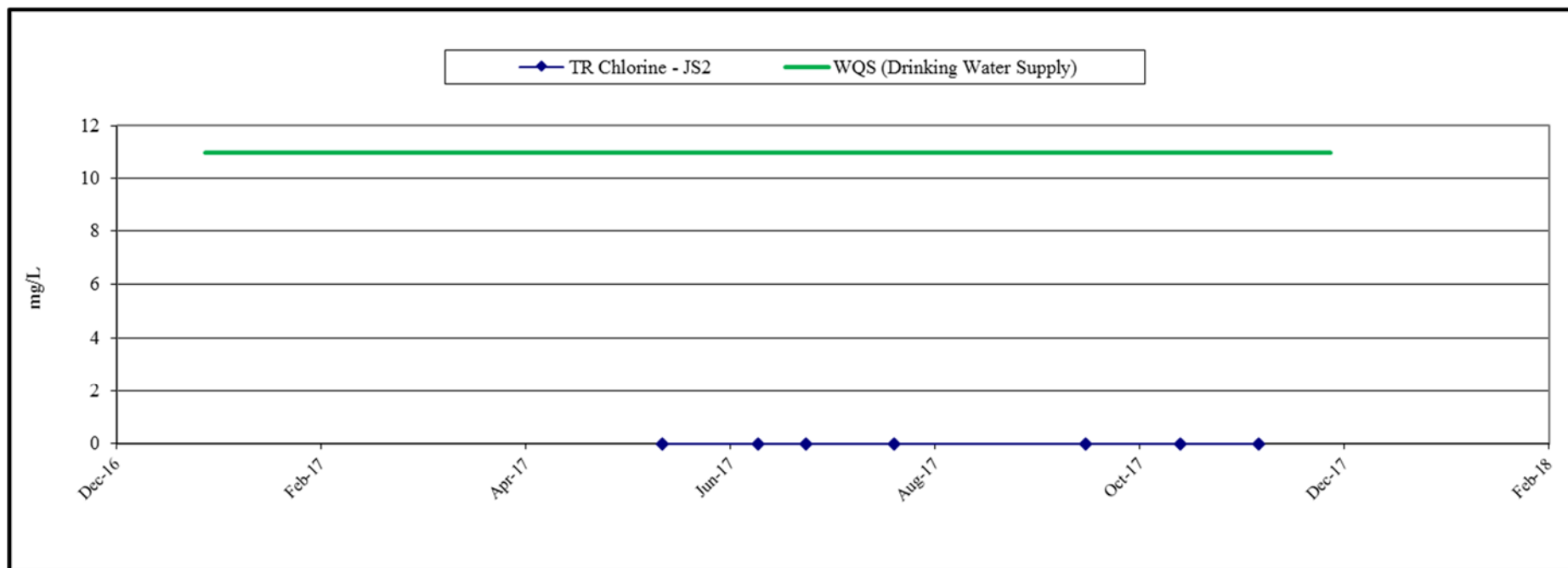


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

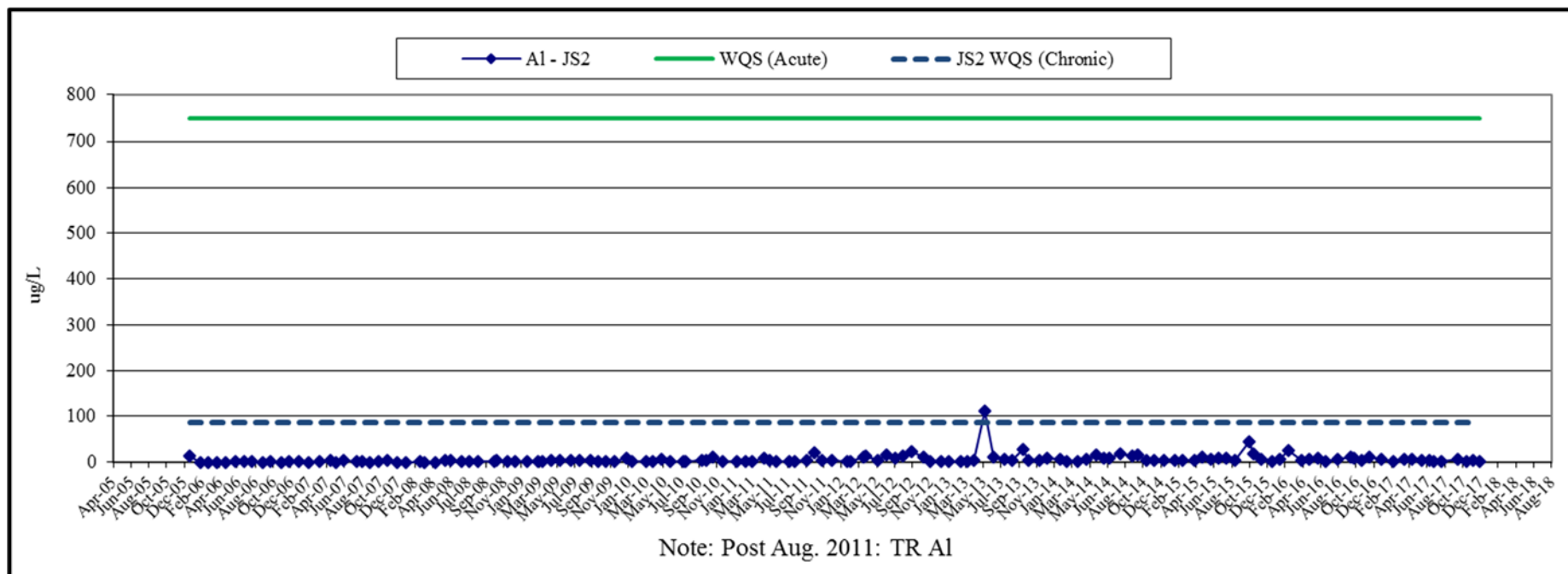


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

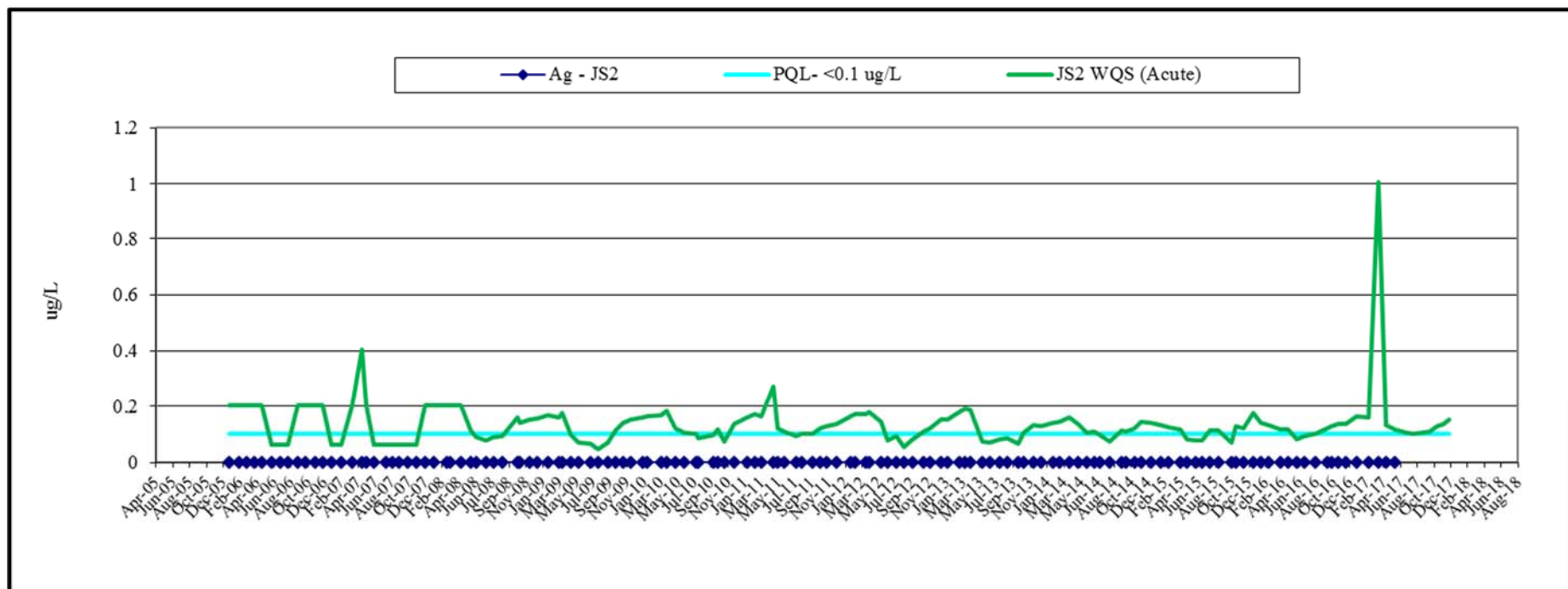


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

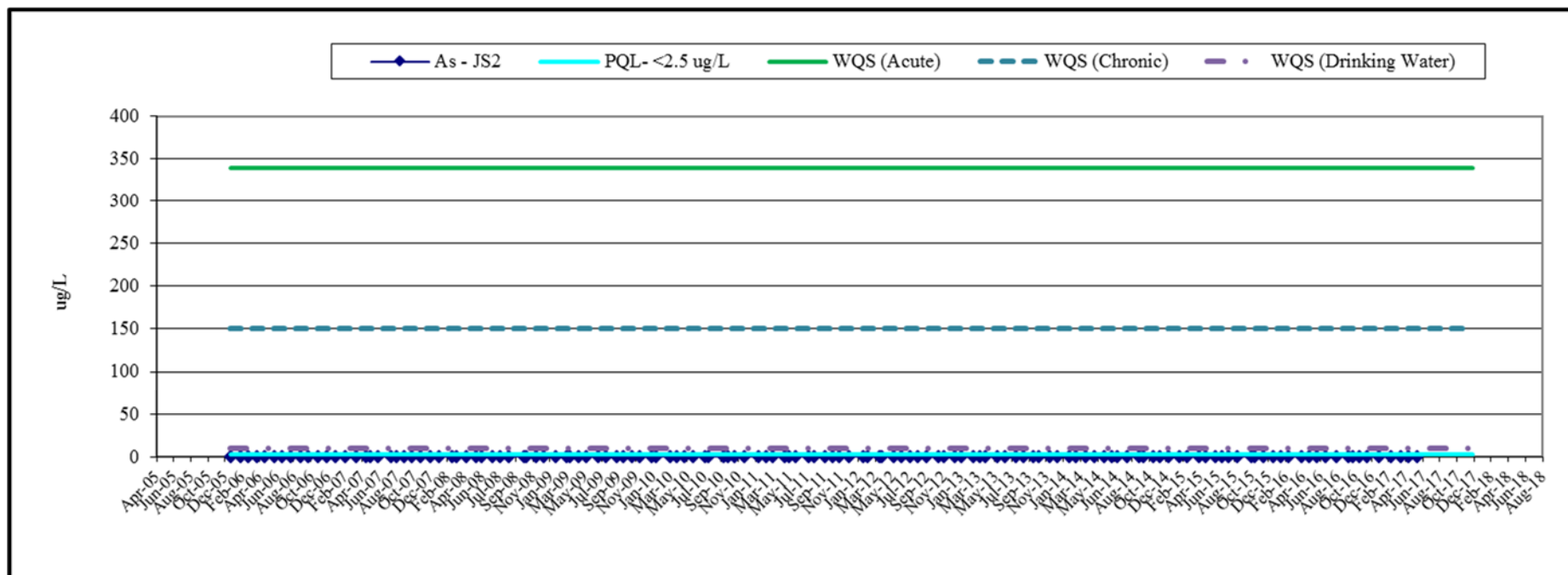


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

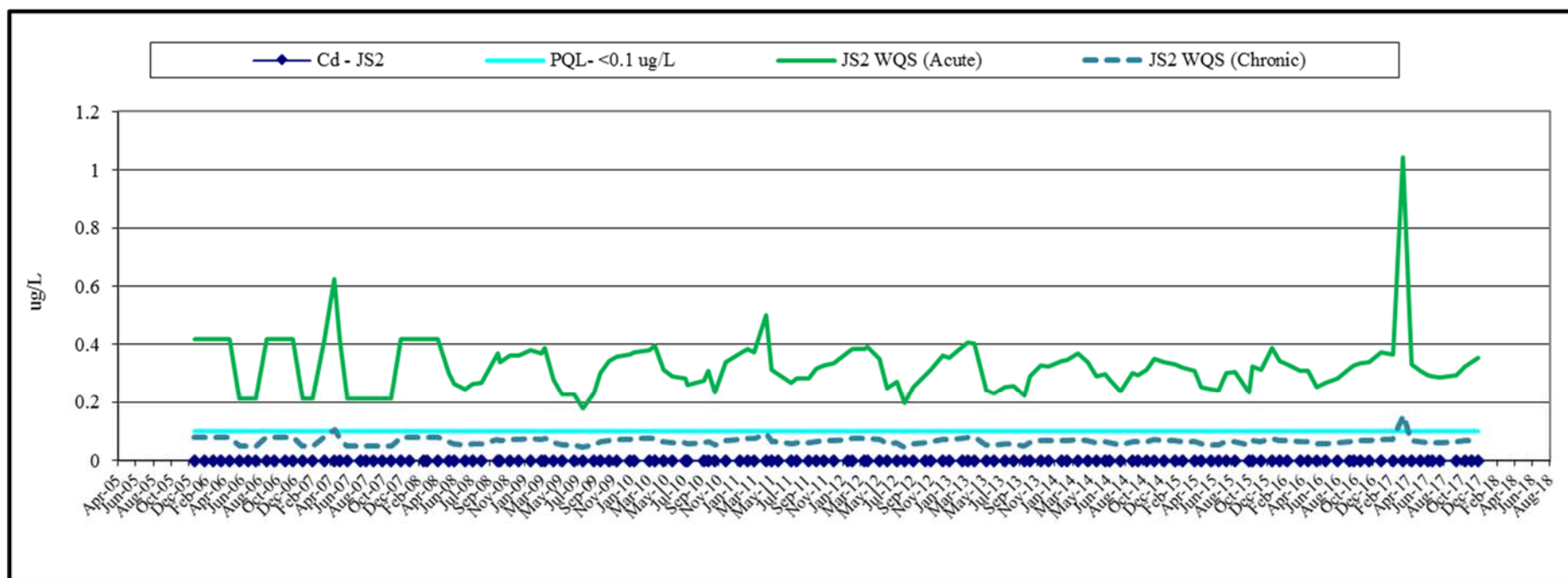


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

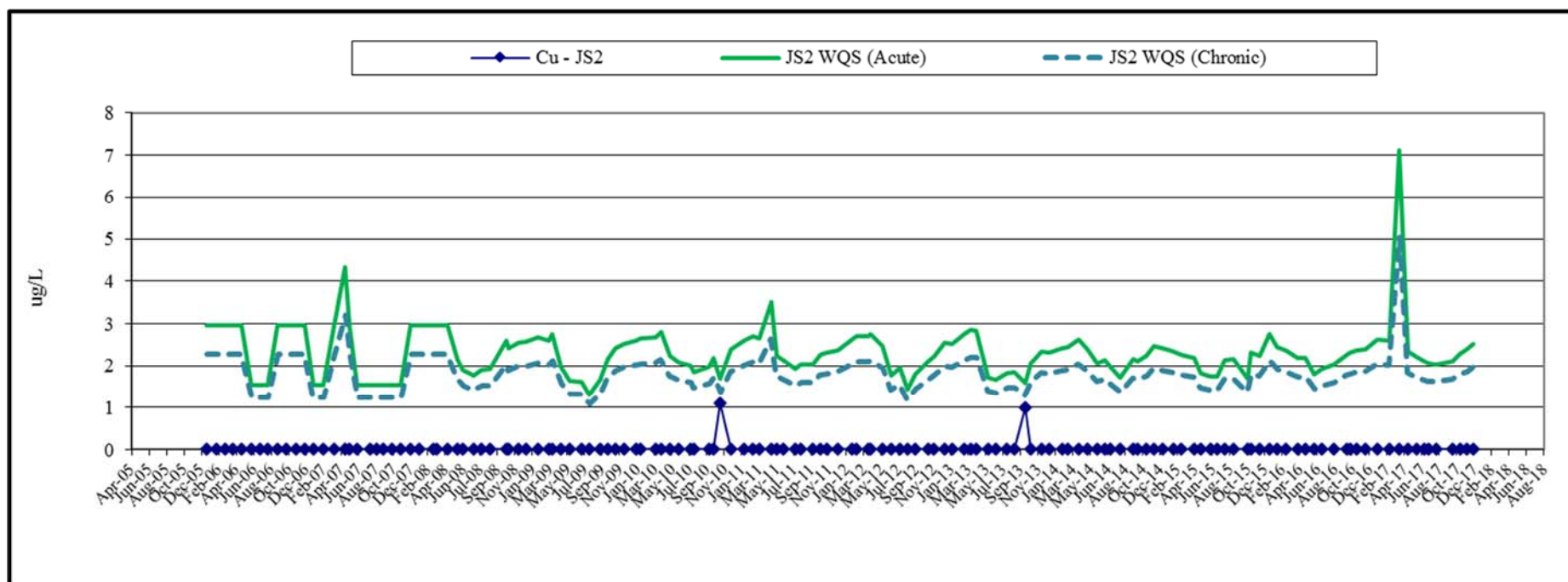


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

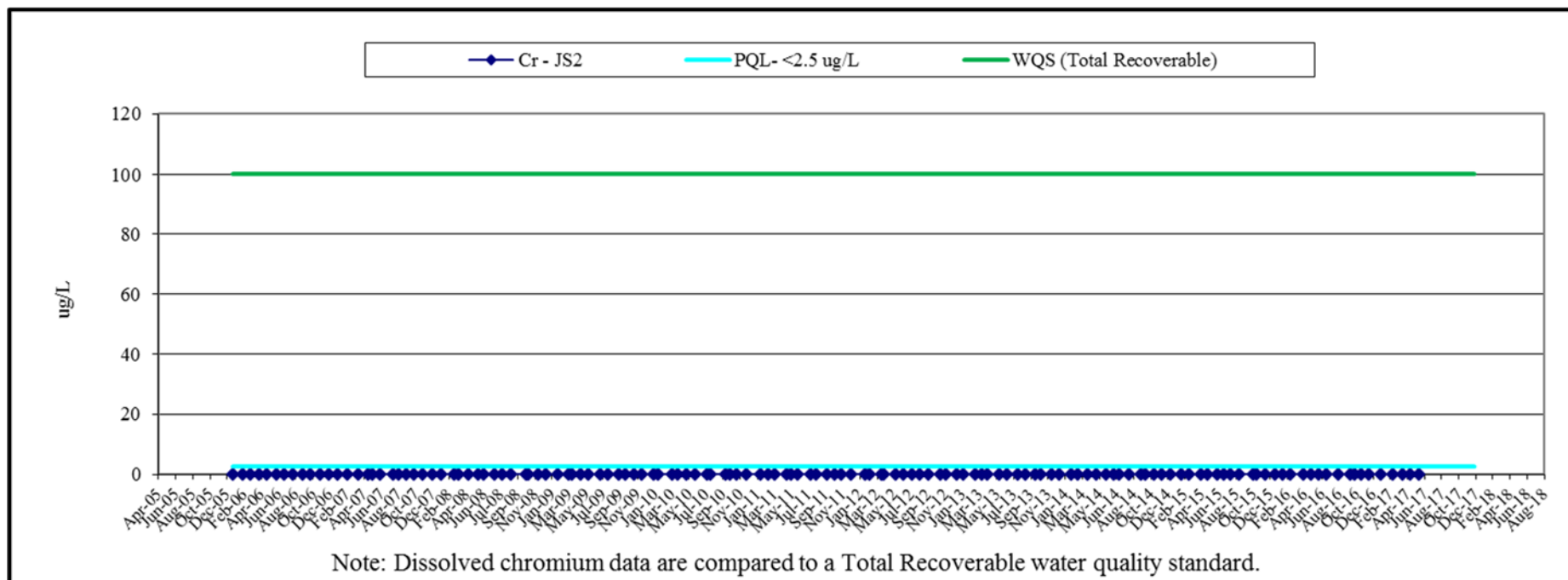


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

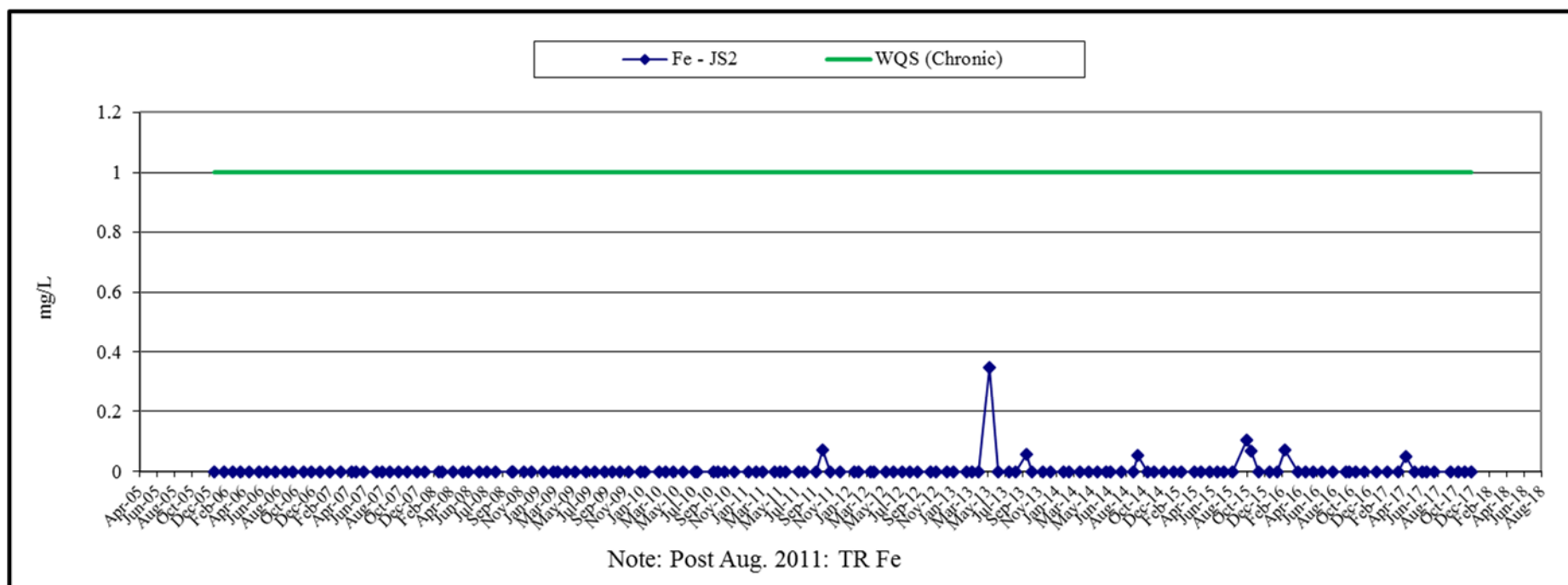


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

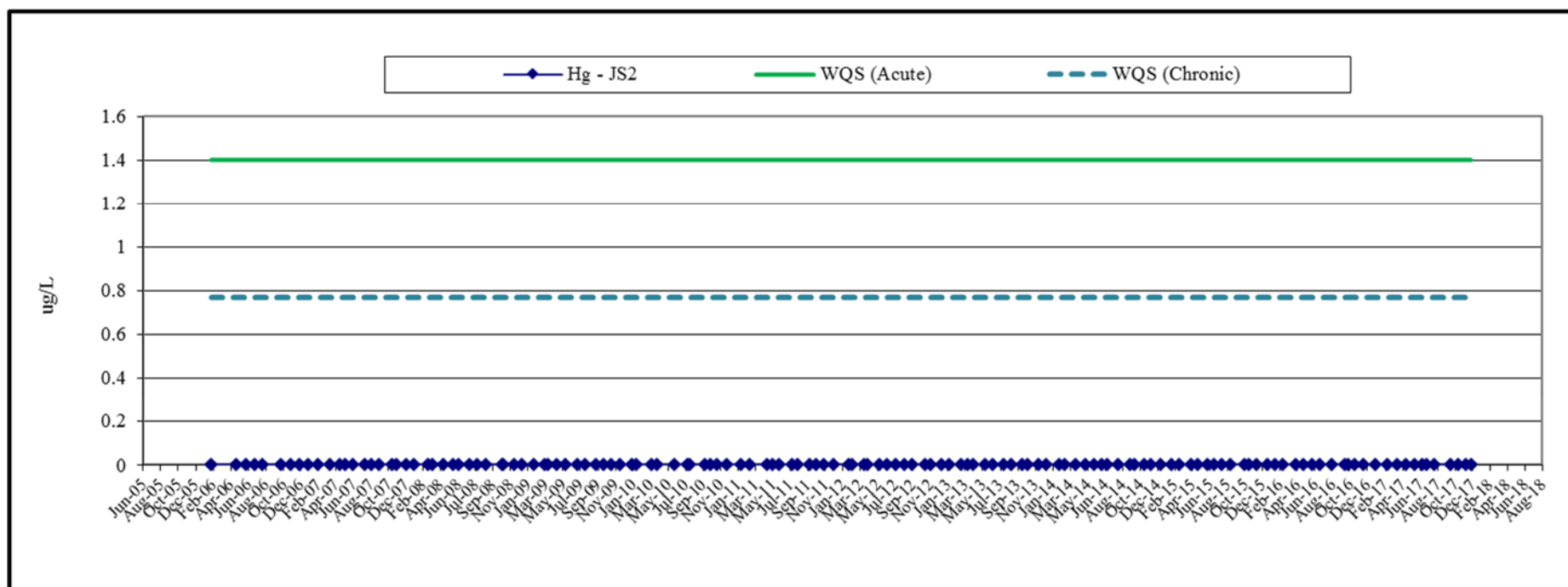


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

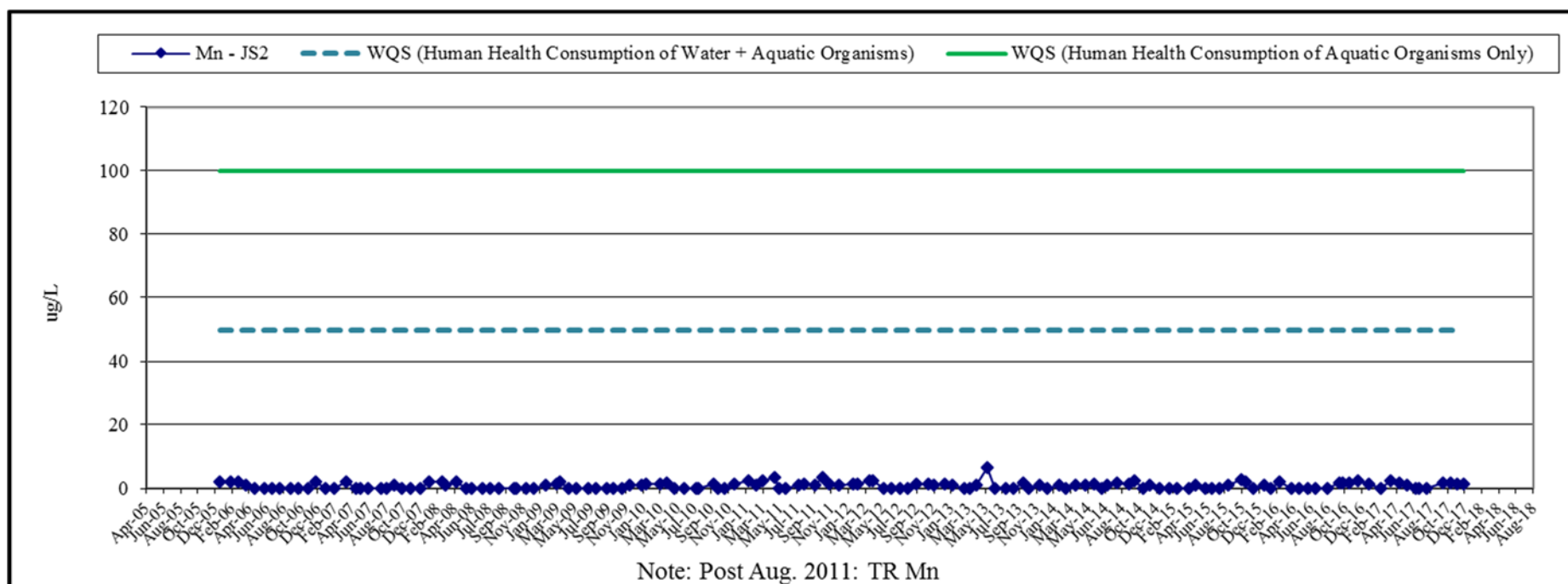


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

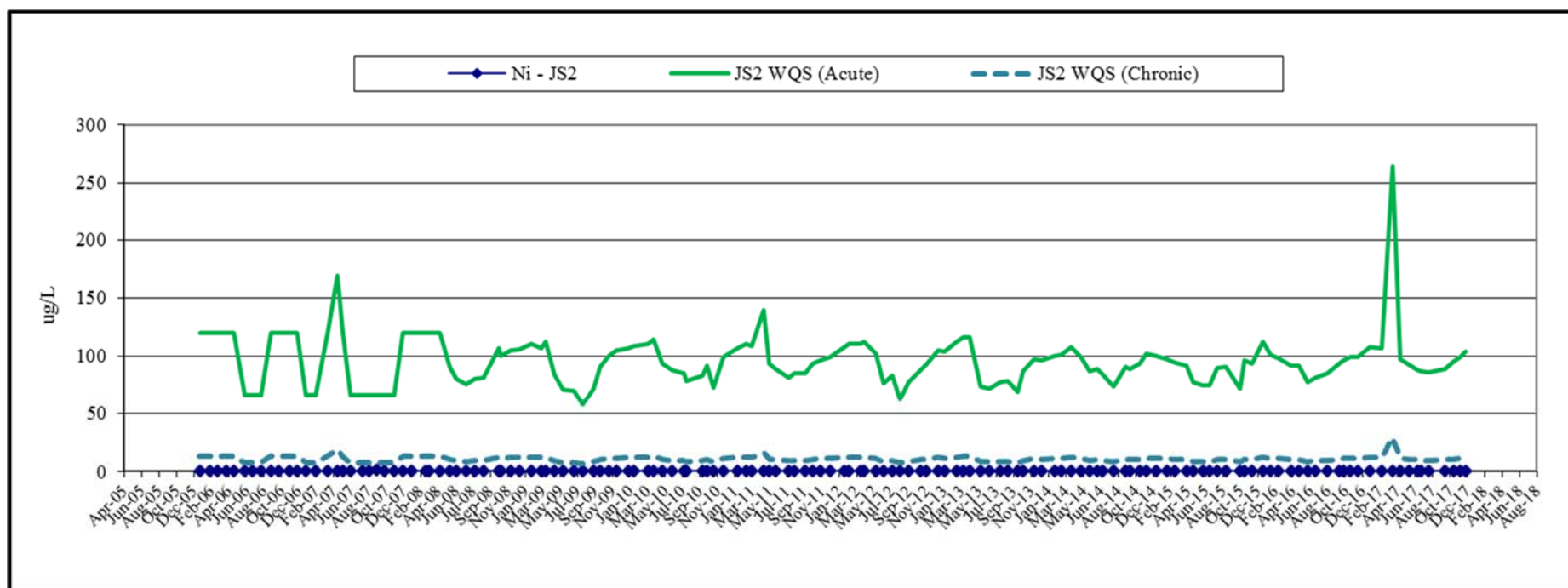


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

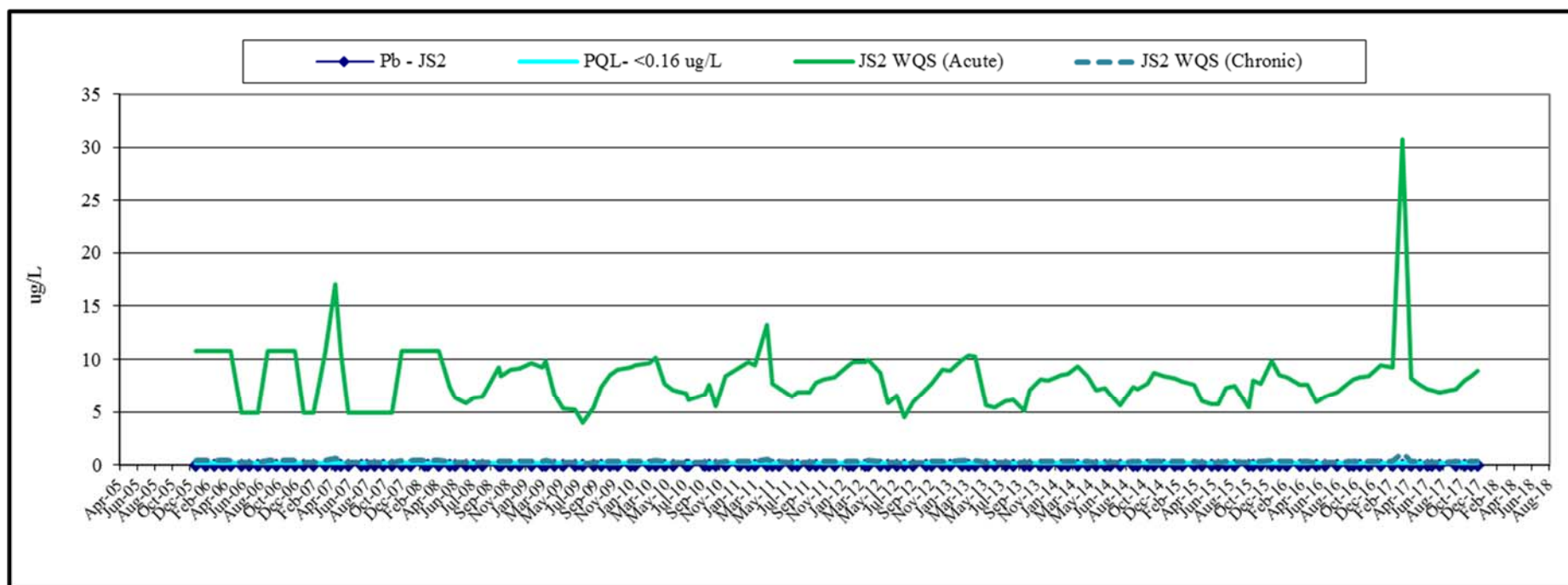


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

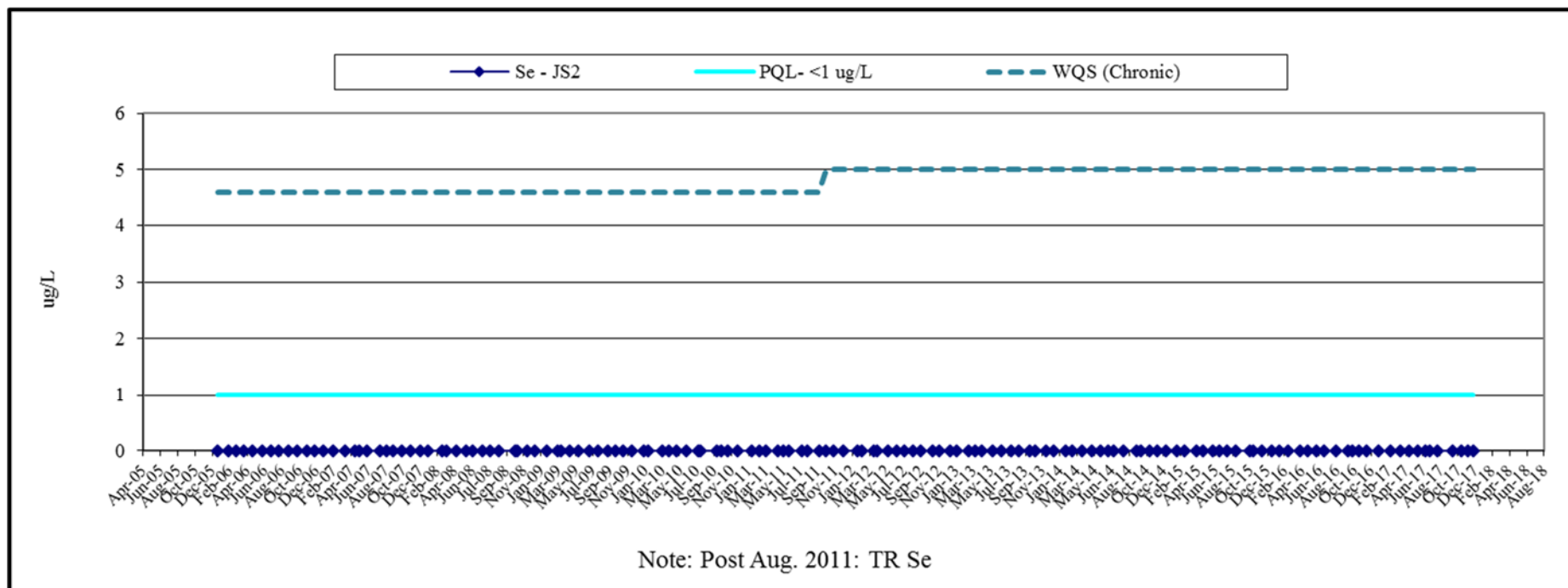


Figure 6c: Johnson Creek (JS2) Monitoring Results 2006 -2017, Trace Chemistry

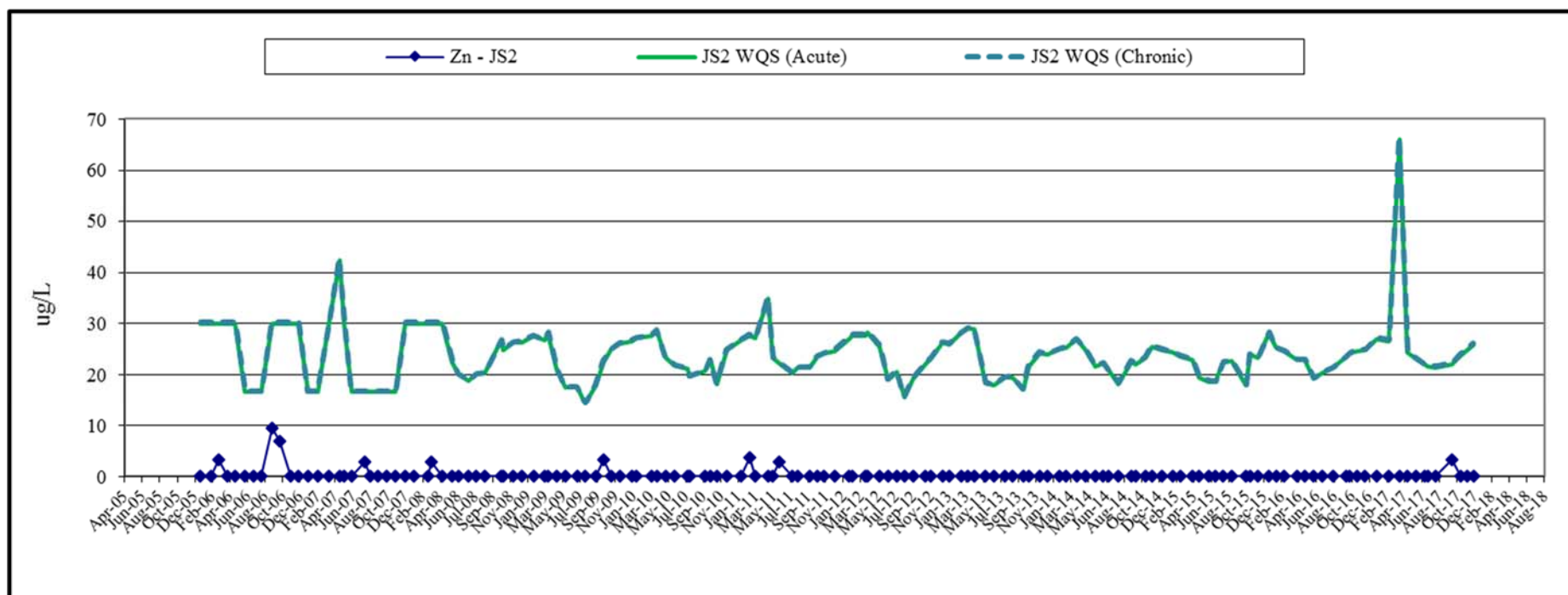


Figure 7a: Johnson Creek (JS4) Monitoring Results 2006-2017, Field Parameters

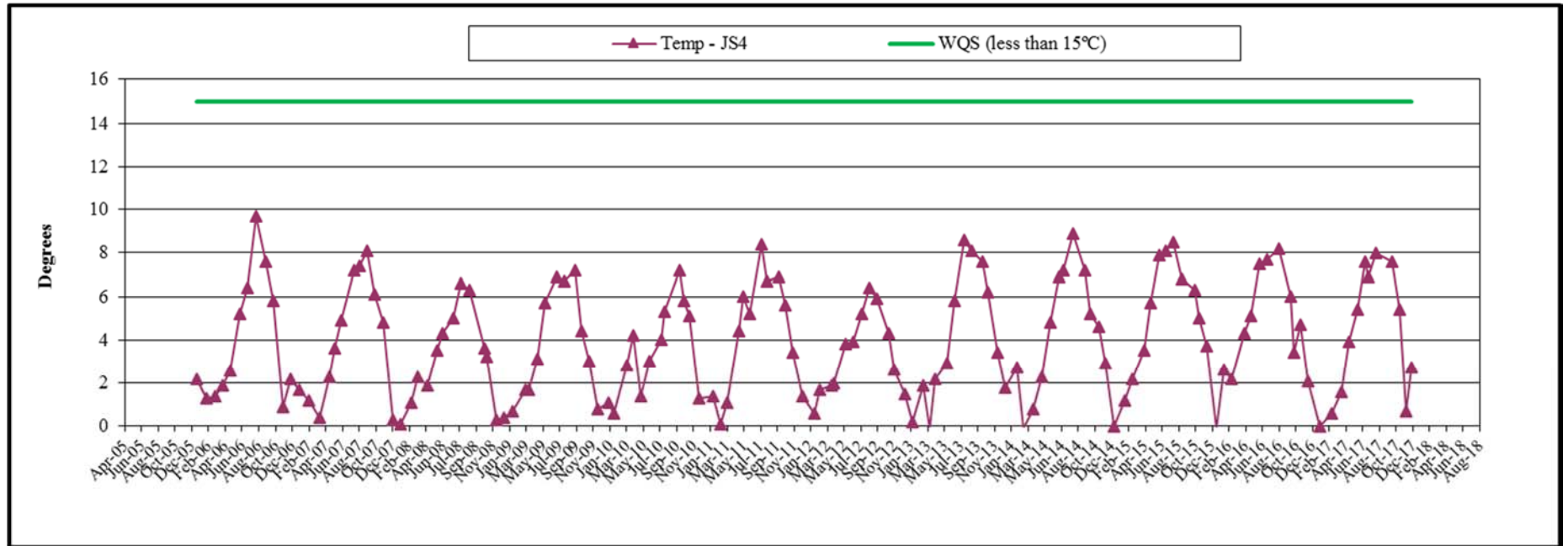


Figure 7a: Johnson Creek (JS4) Monitoring Results 2006-2017, Field Parameters

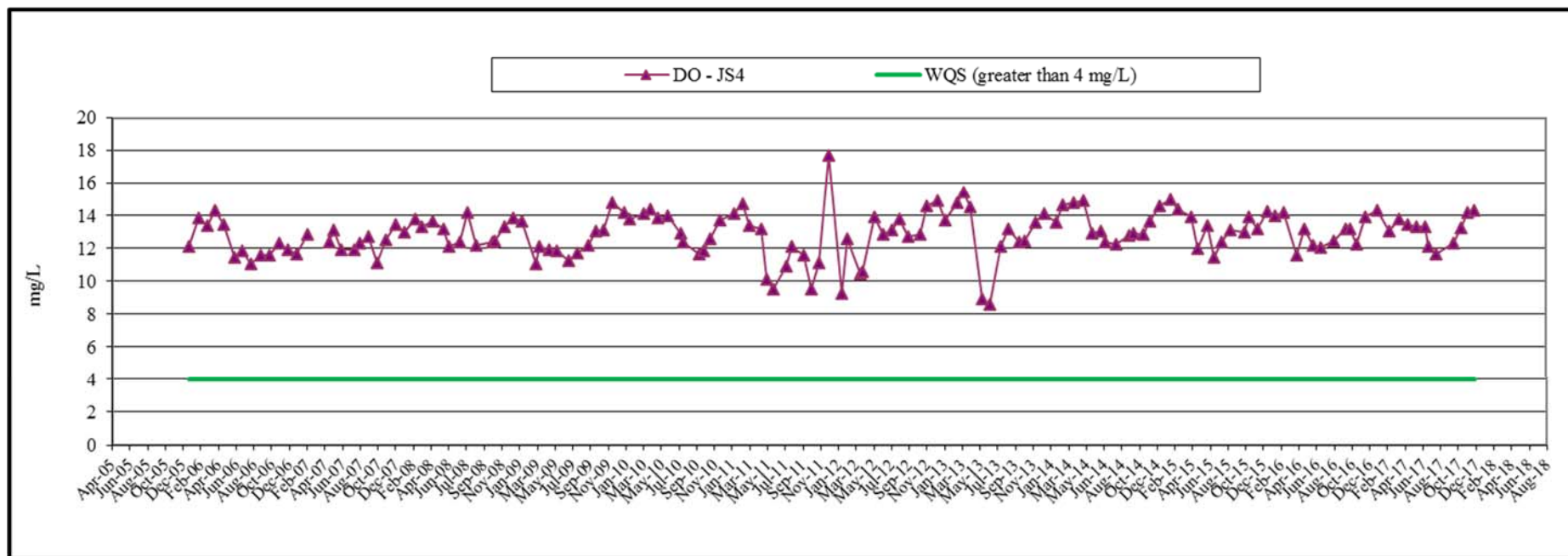


Figure 7a: Johnson Creek (JS4) Monitoring Results 2006-2017, Field Parameters

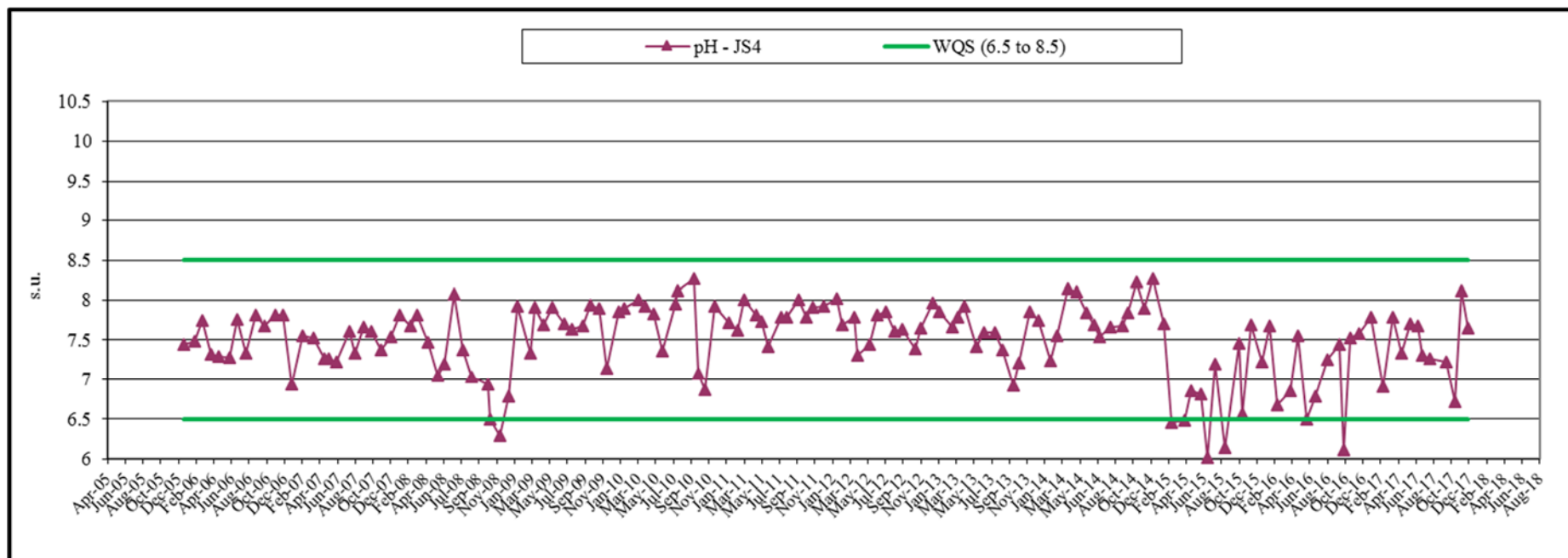


Figure 7a: Johnson Creek (JS4) Monitoring Results 2006-2017, Field Parameters

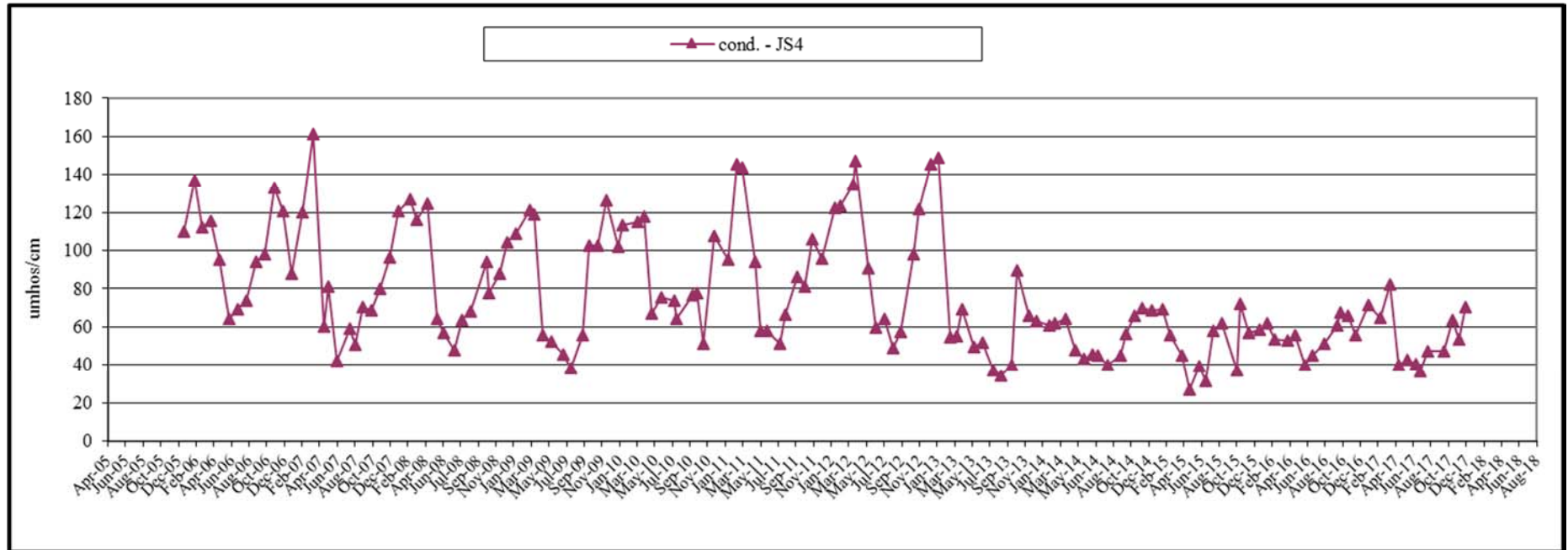


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

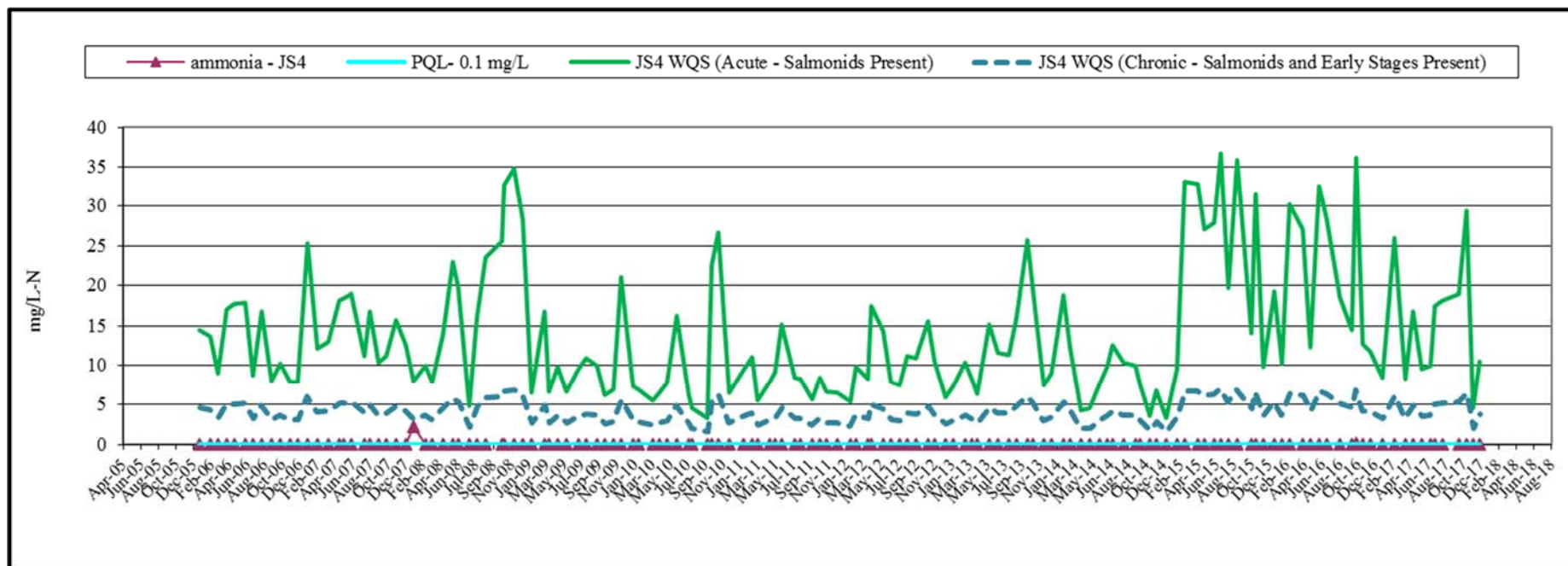


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

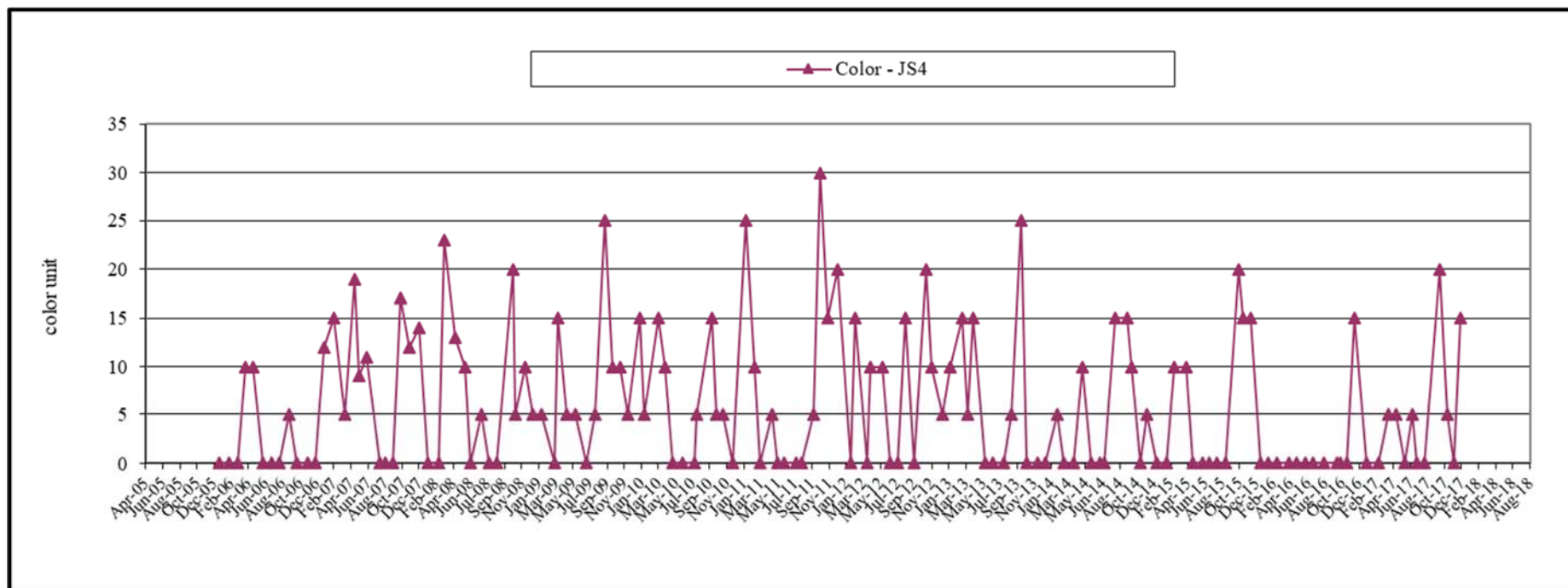


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

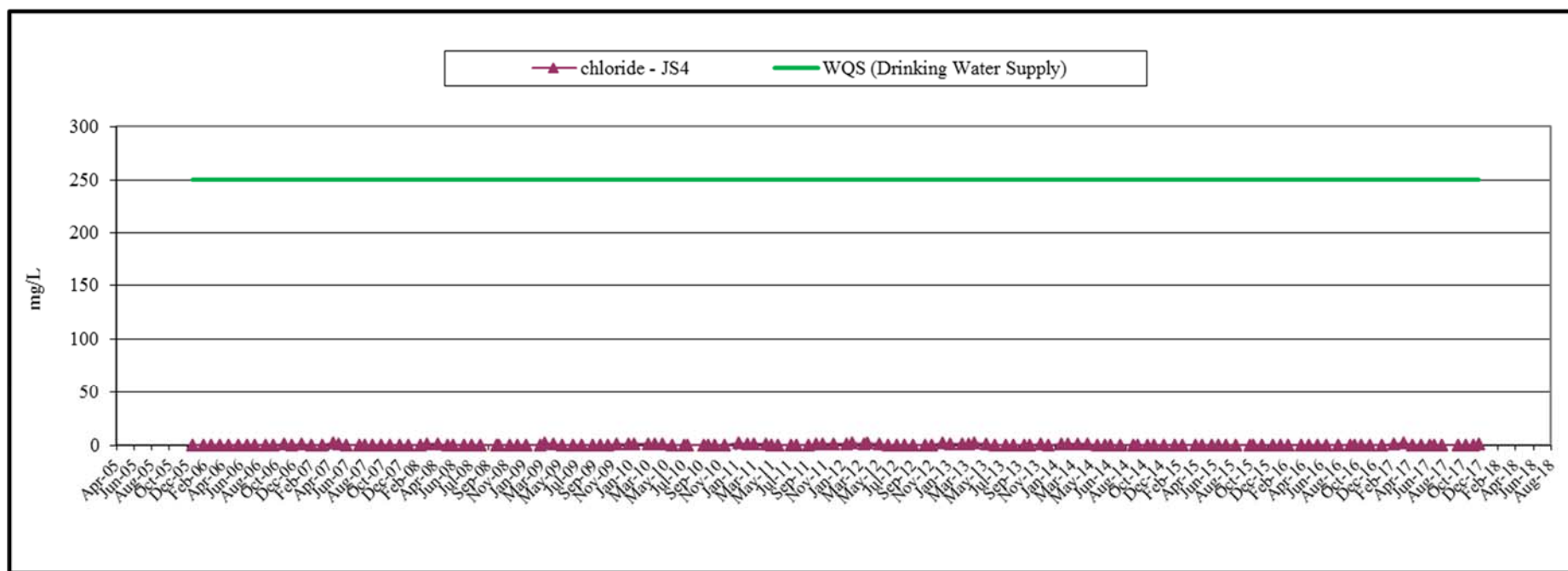


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

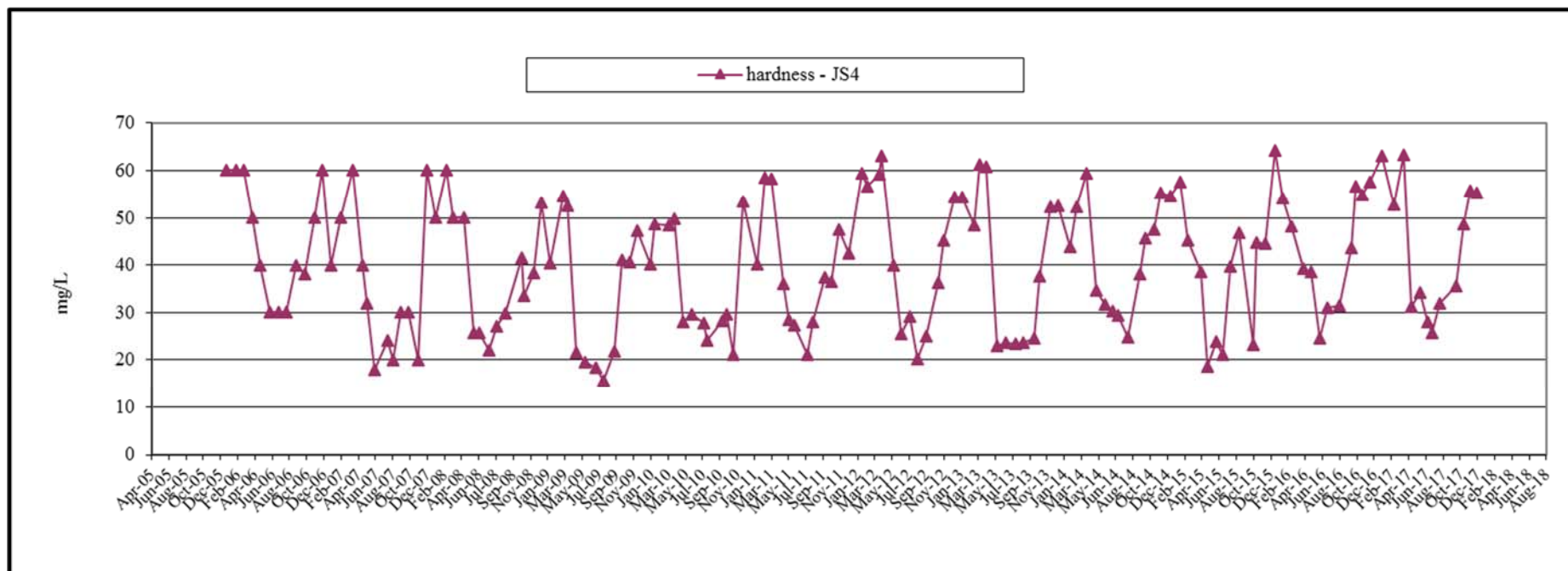


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

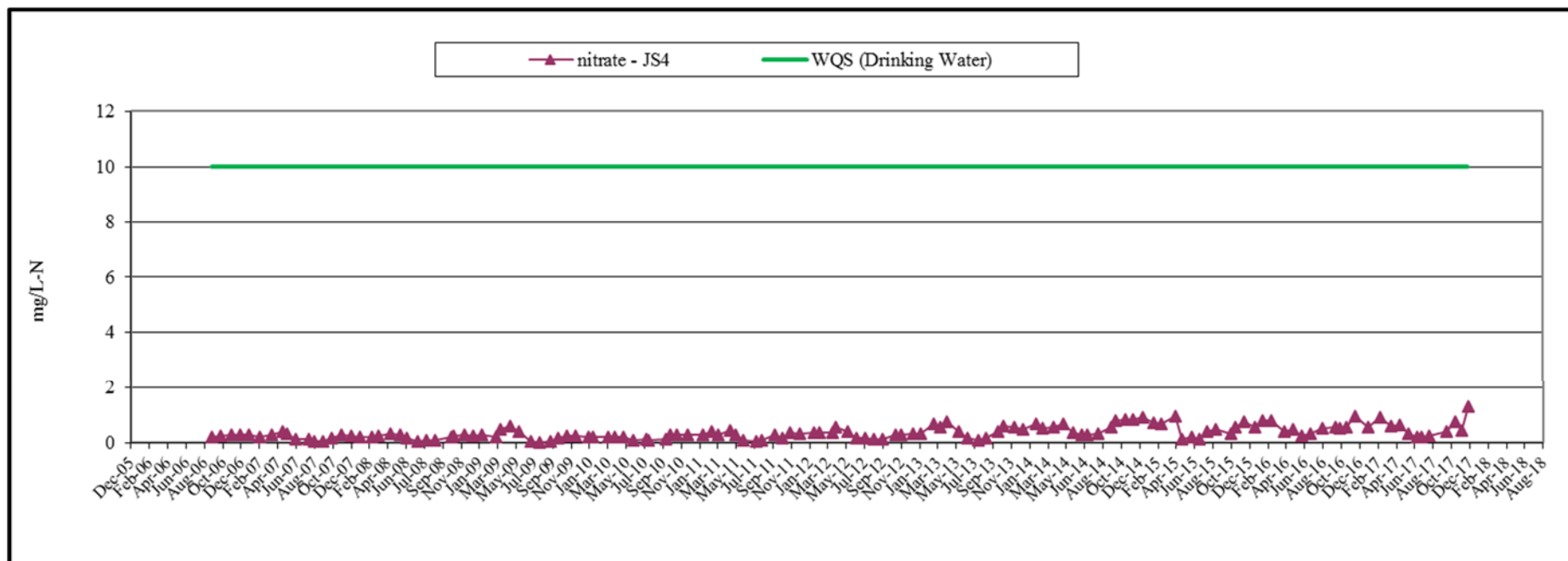


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

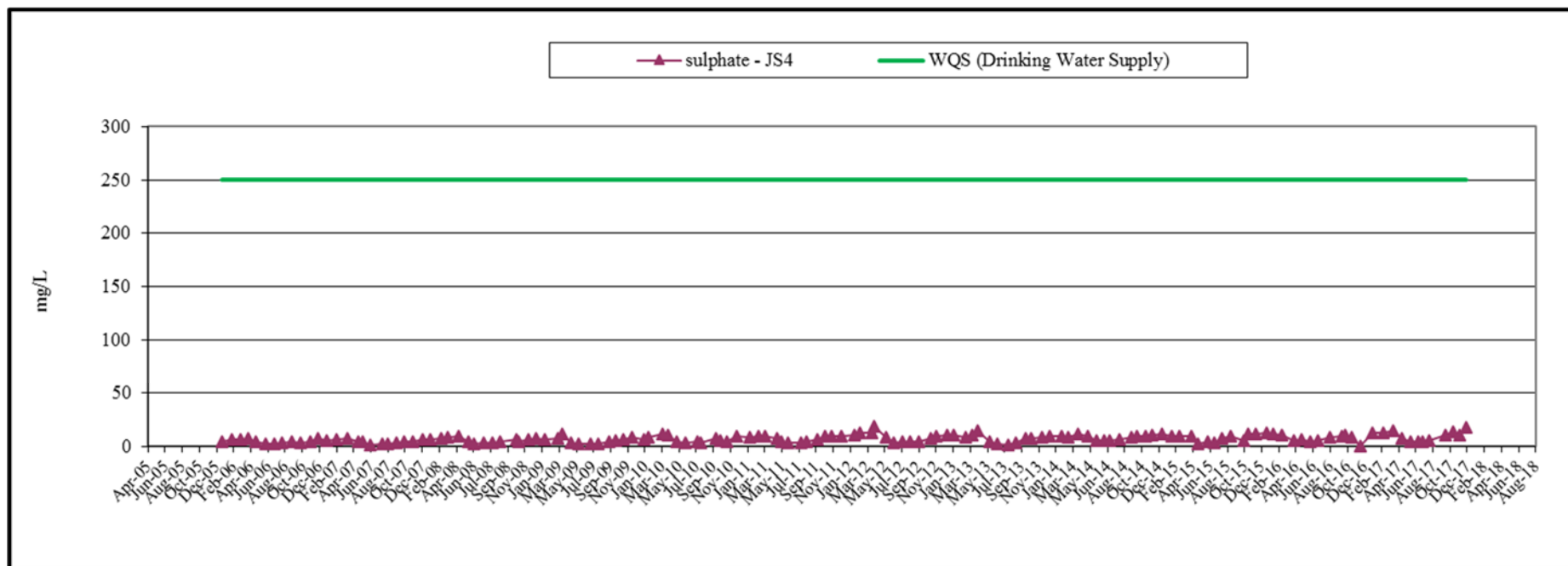


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

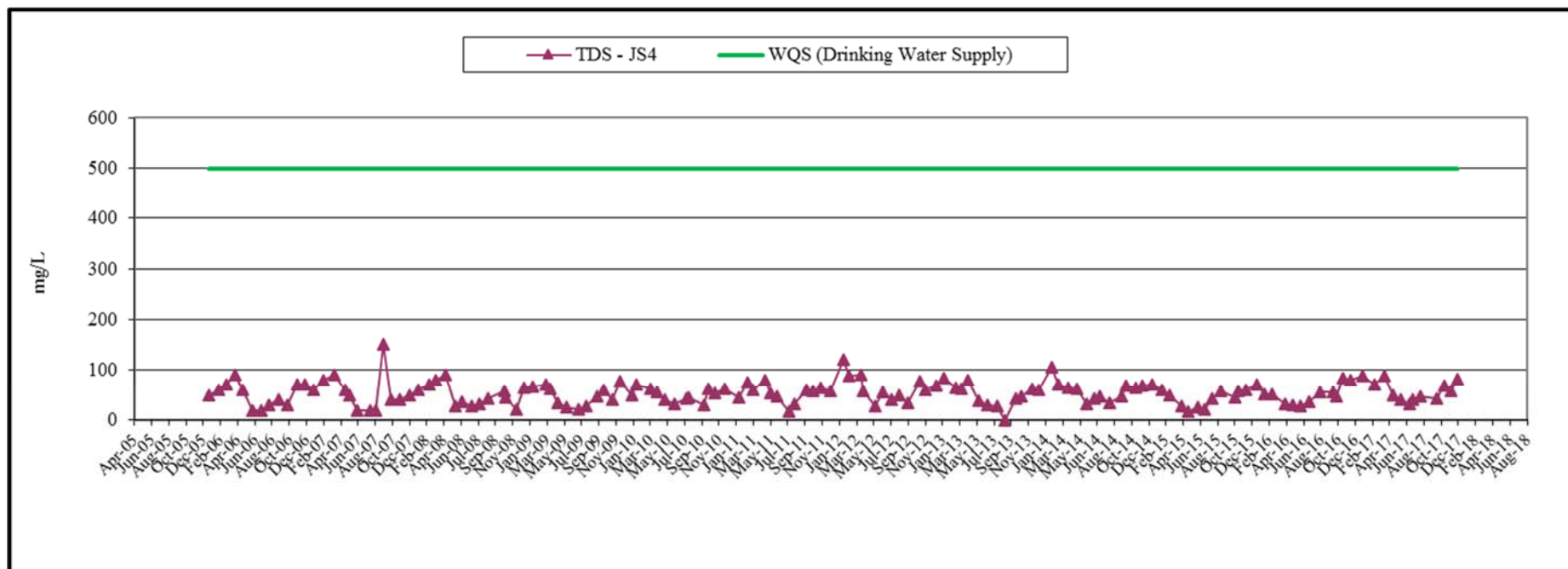


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

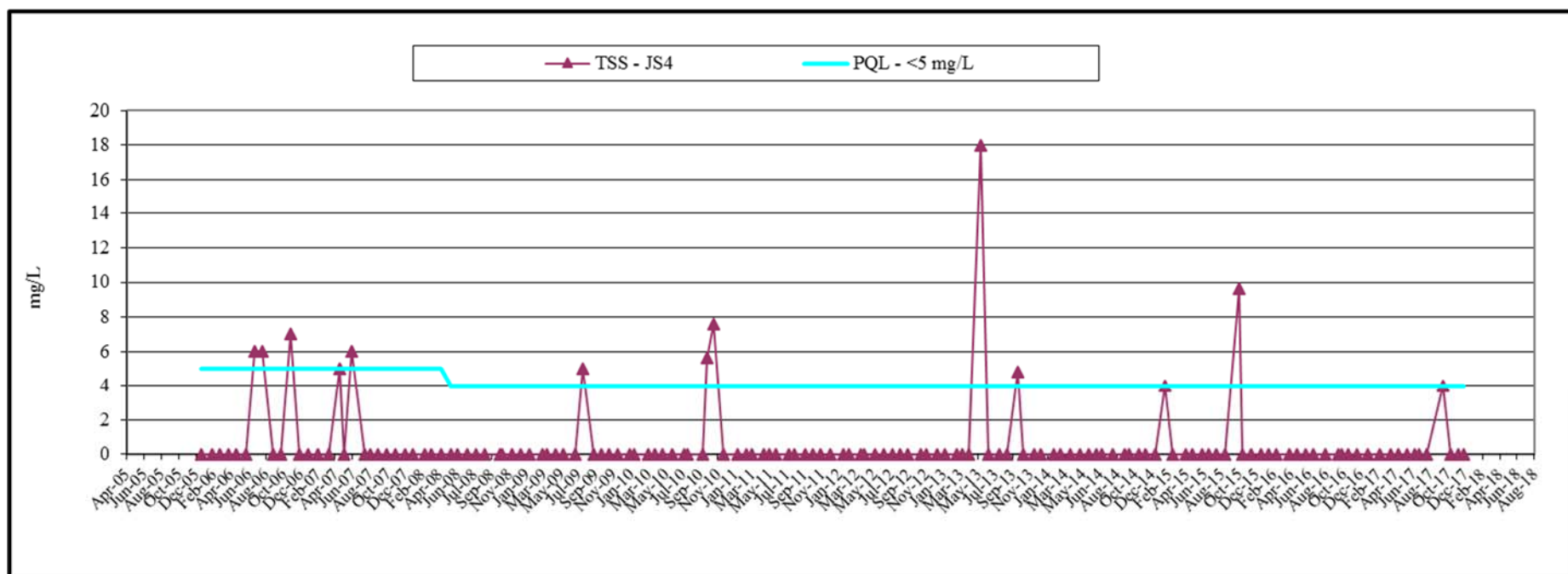


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

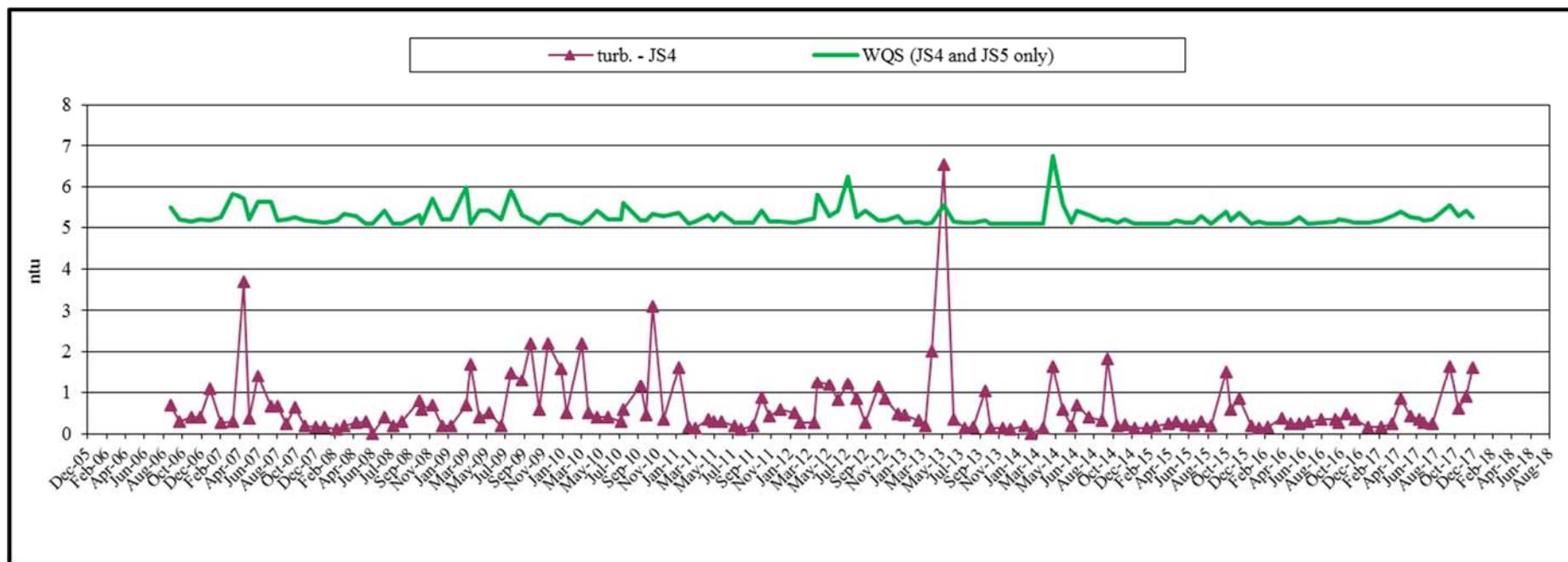


Figure 7b: Johnson Creek (JS4) Monitoring Results 2006-2017, Major Chemistry

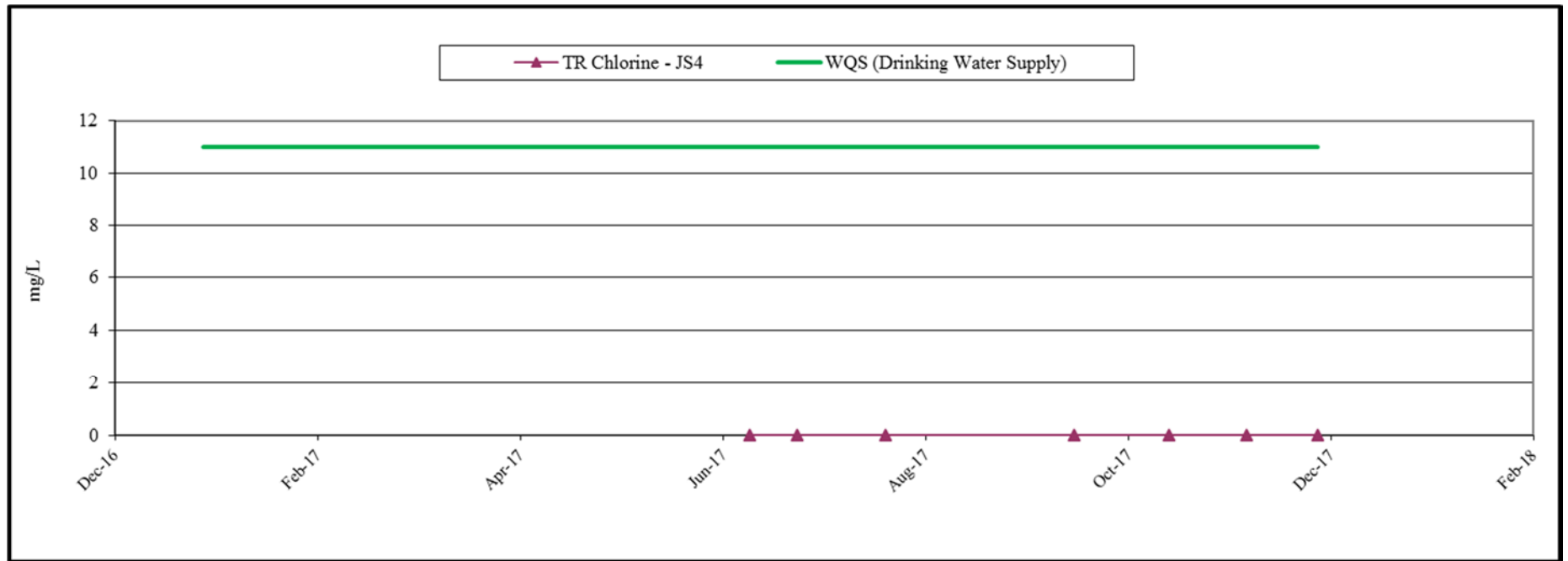


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

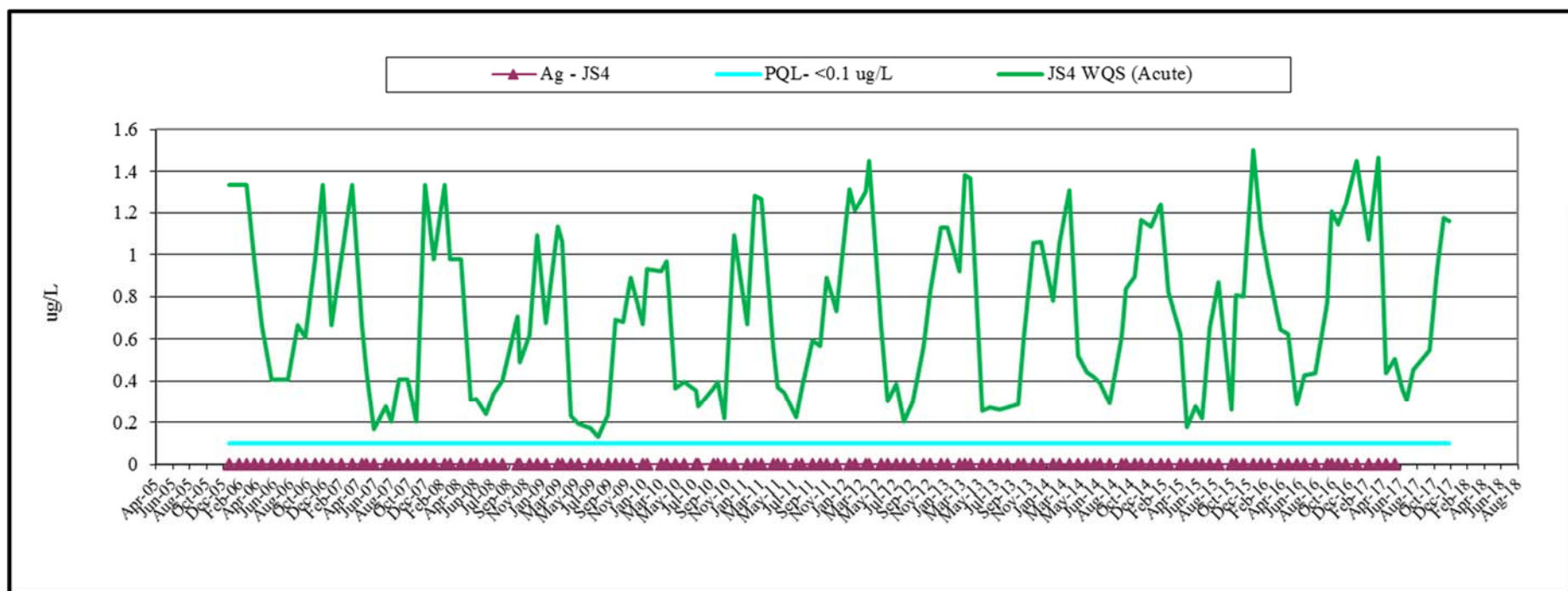


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

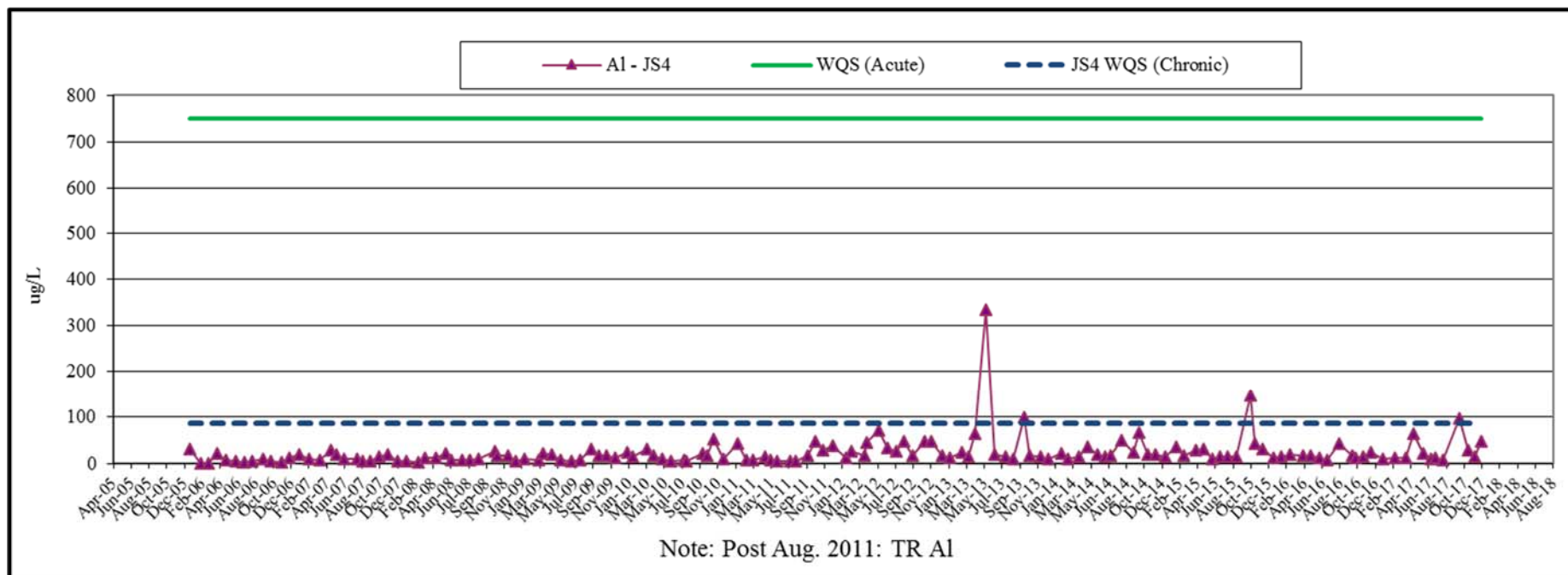


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

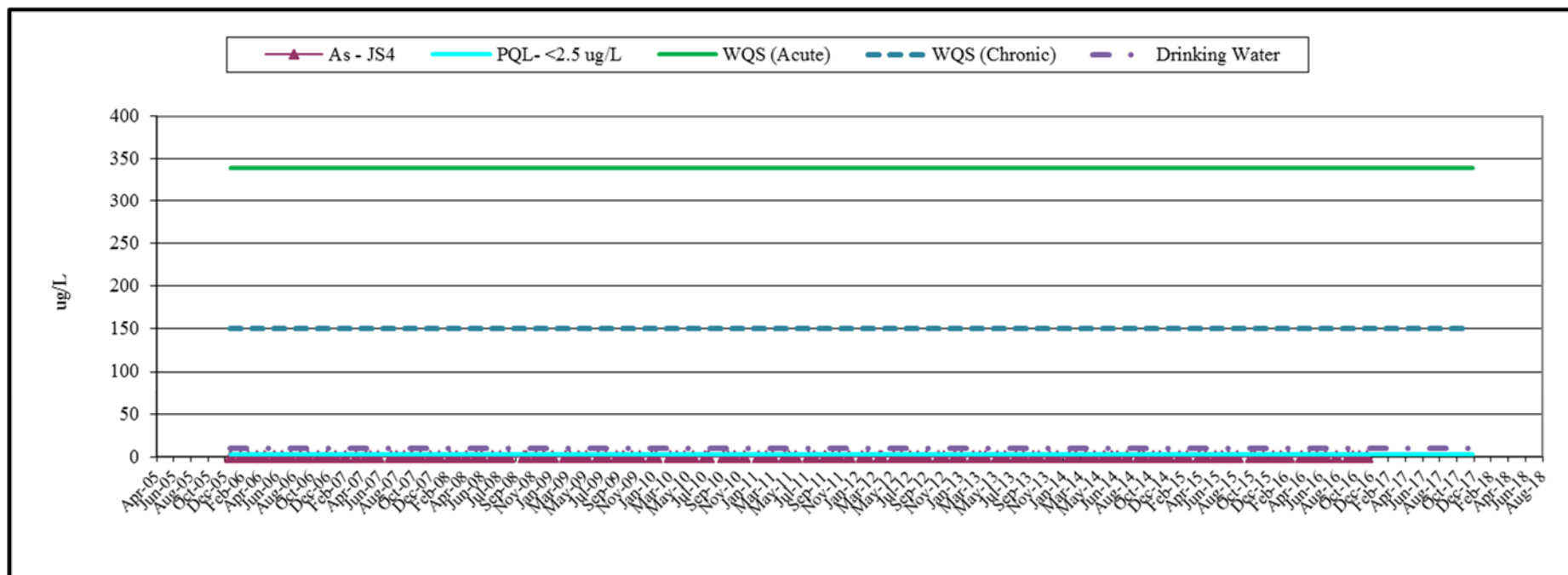


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

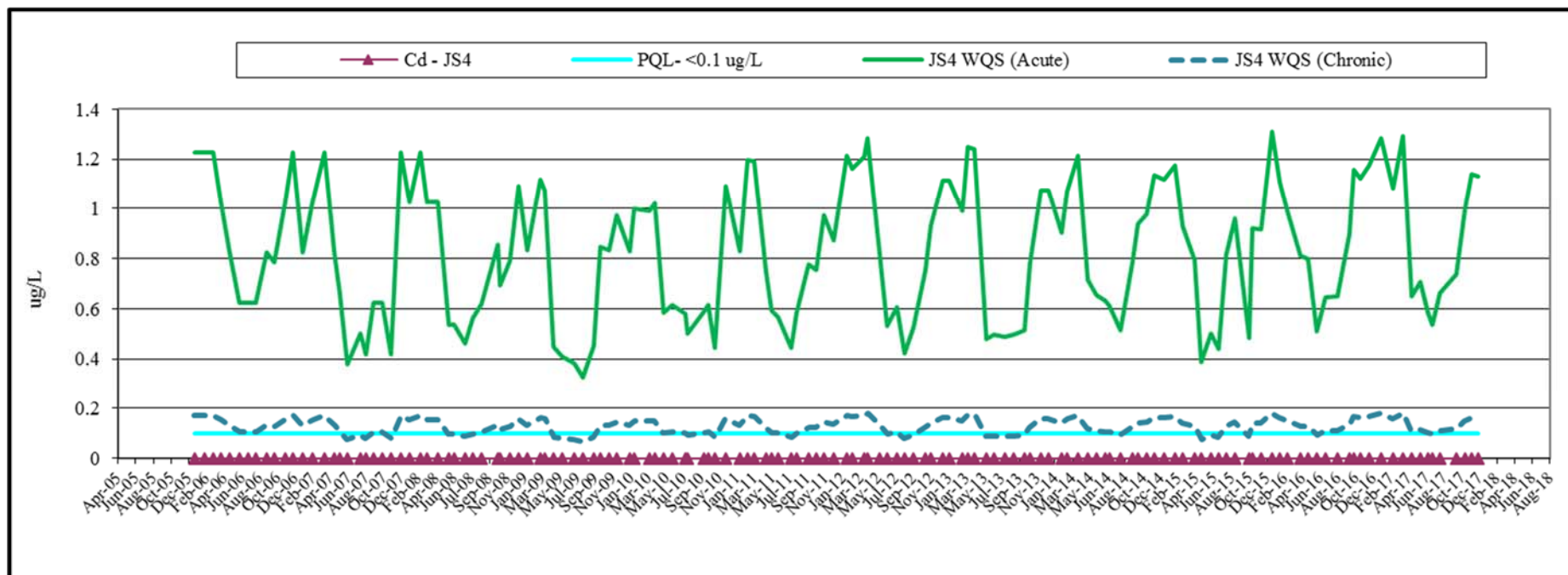


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

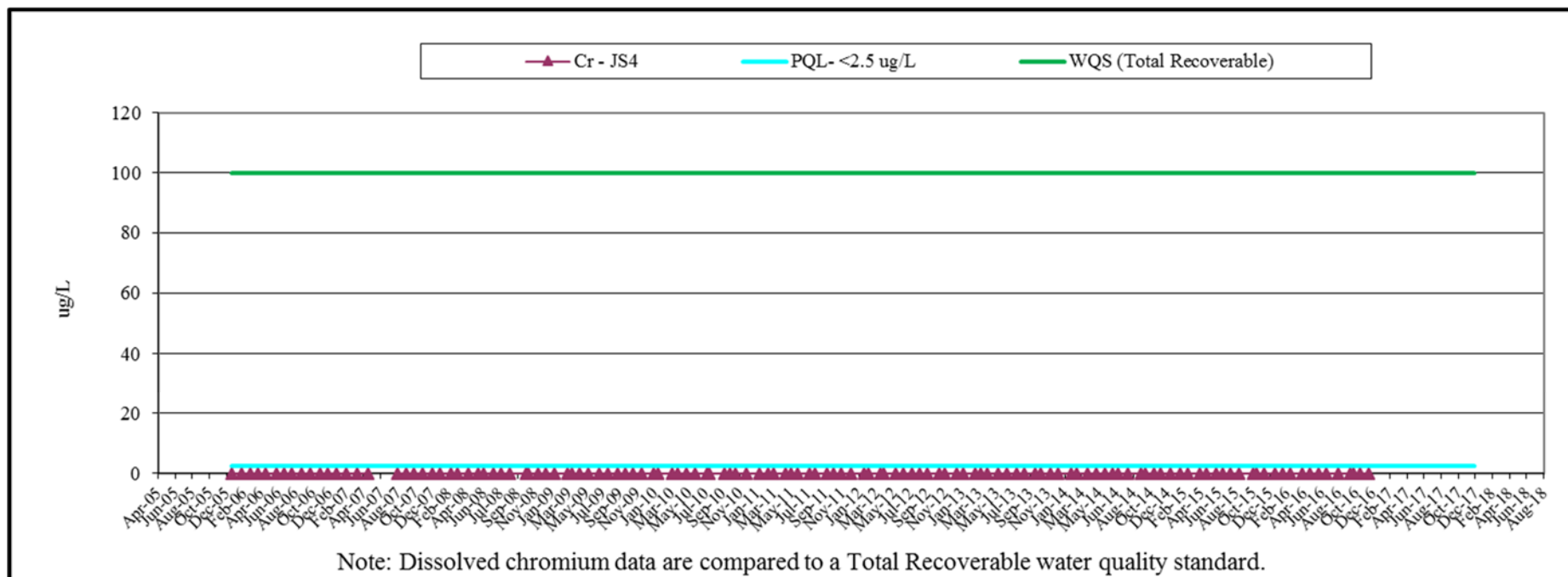


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

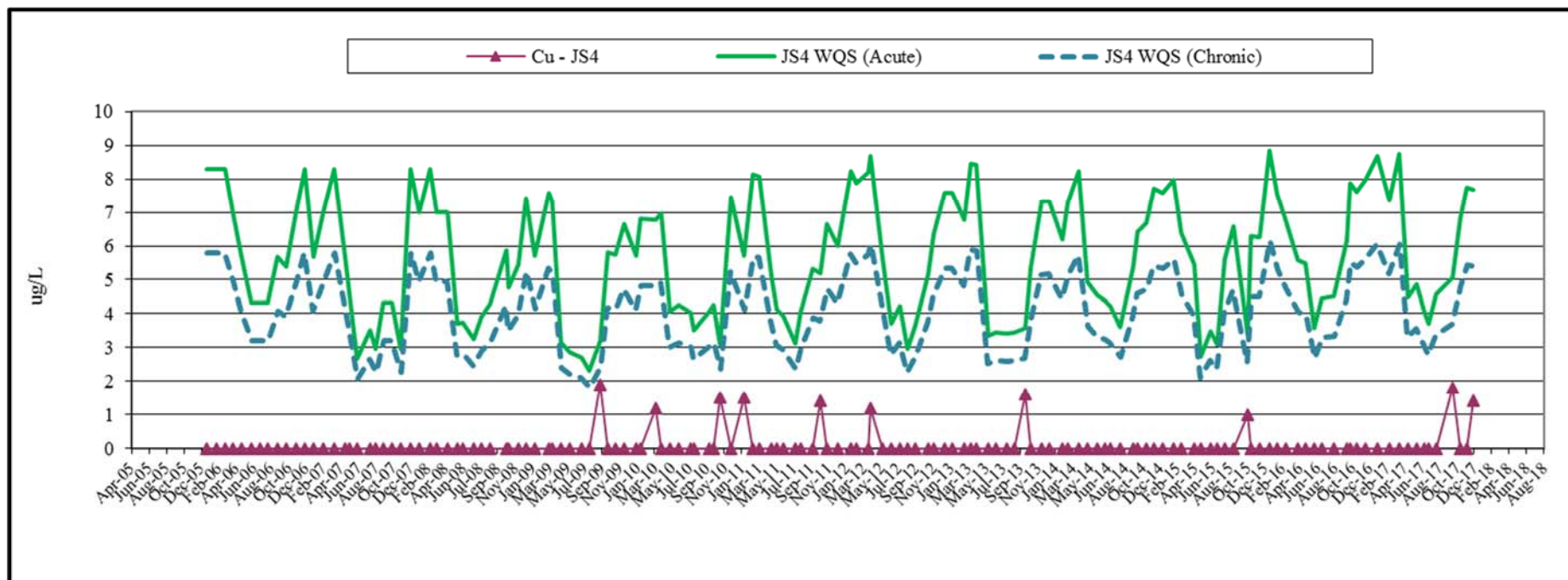


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

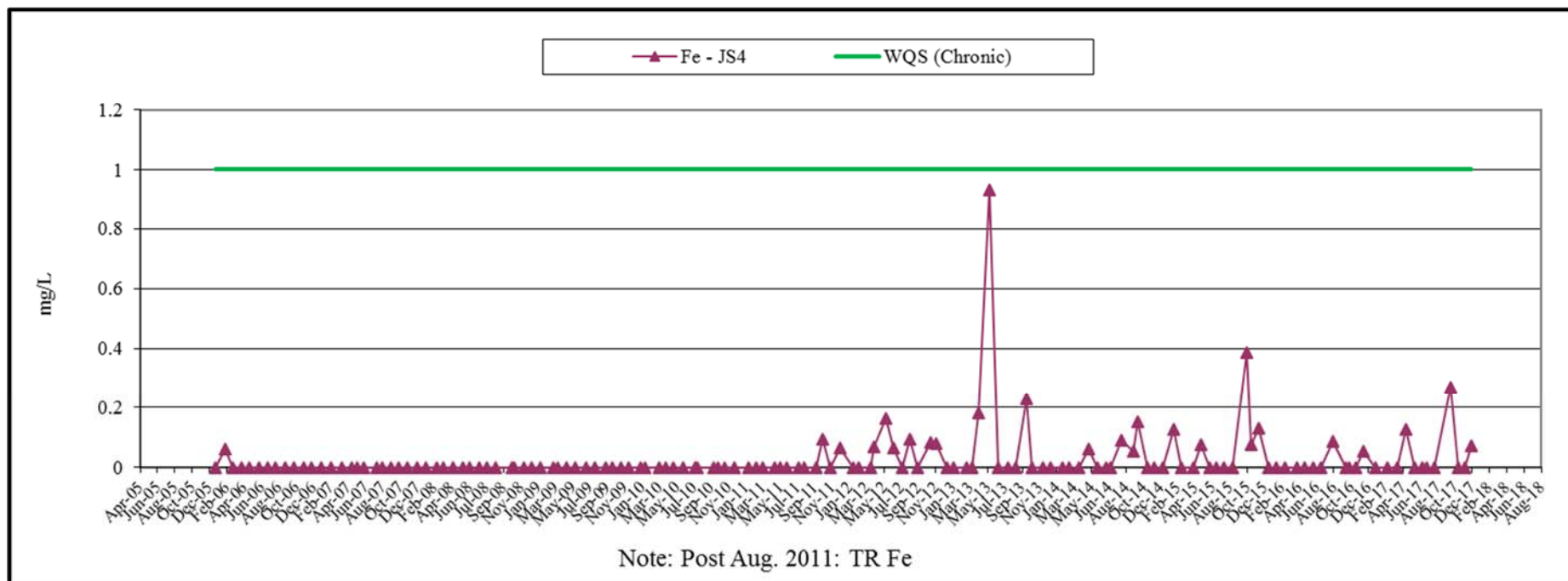


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

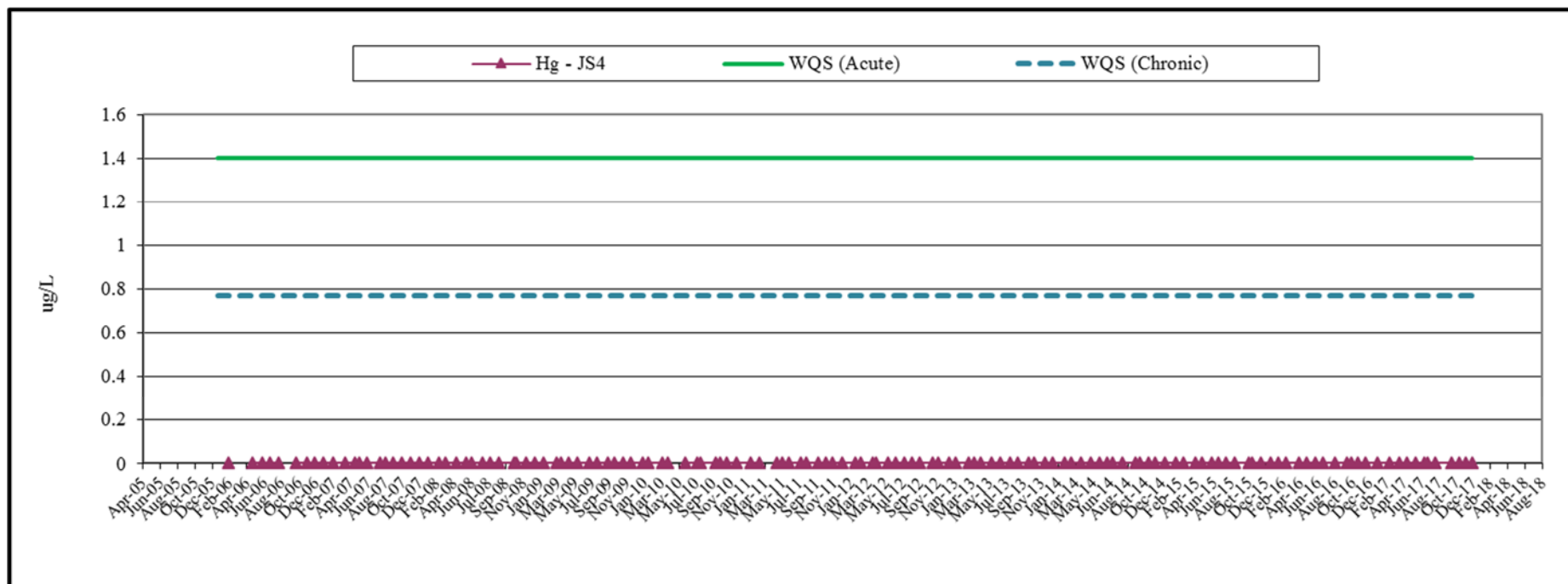


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

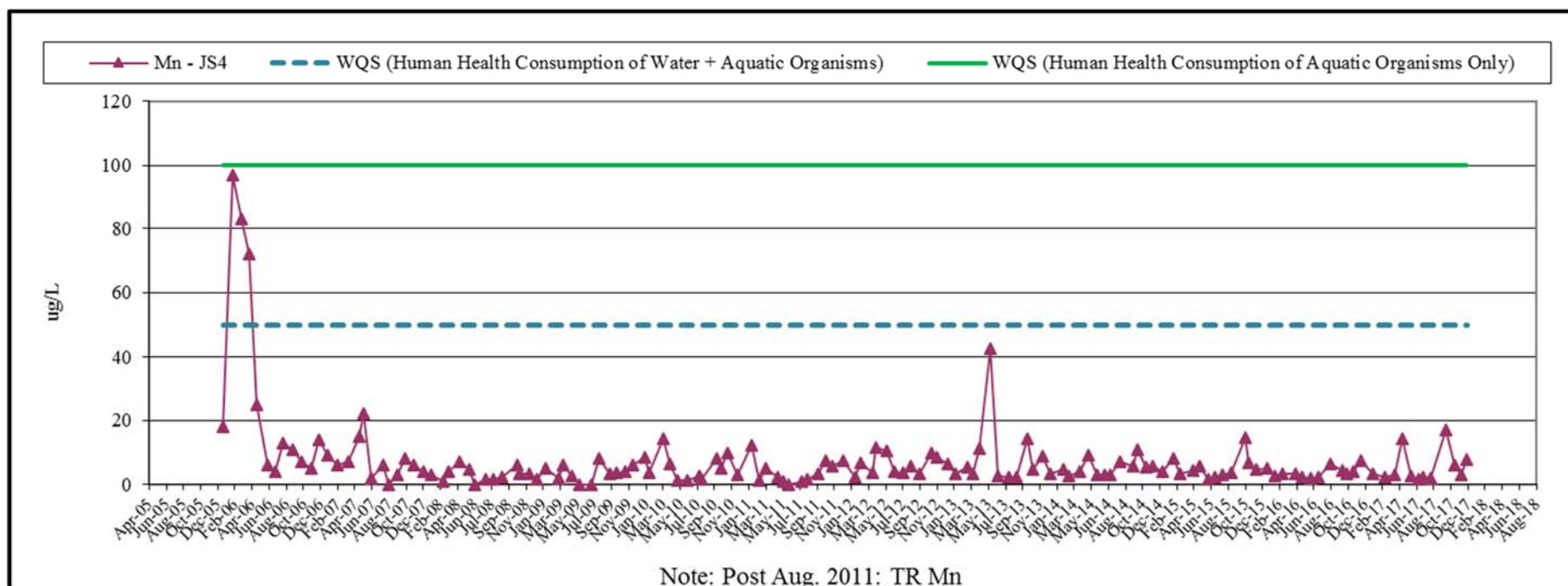


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

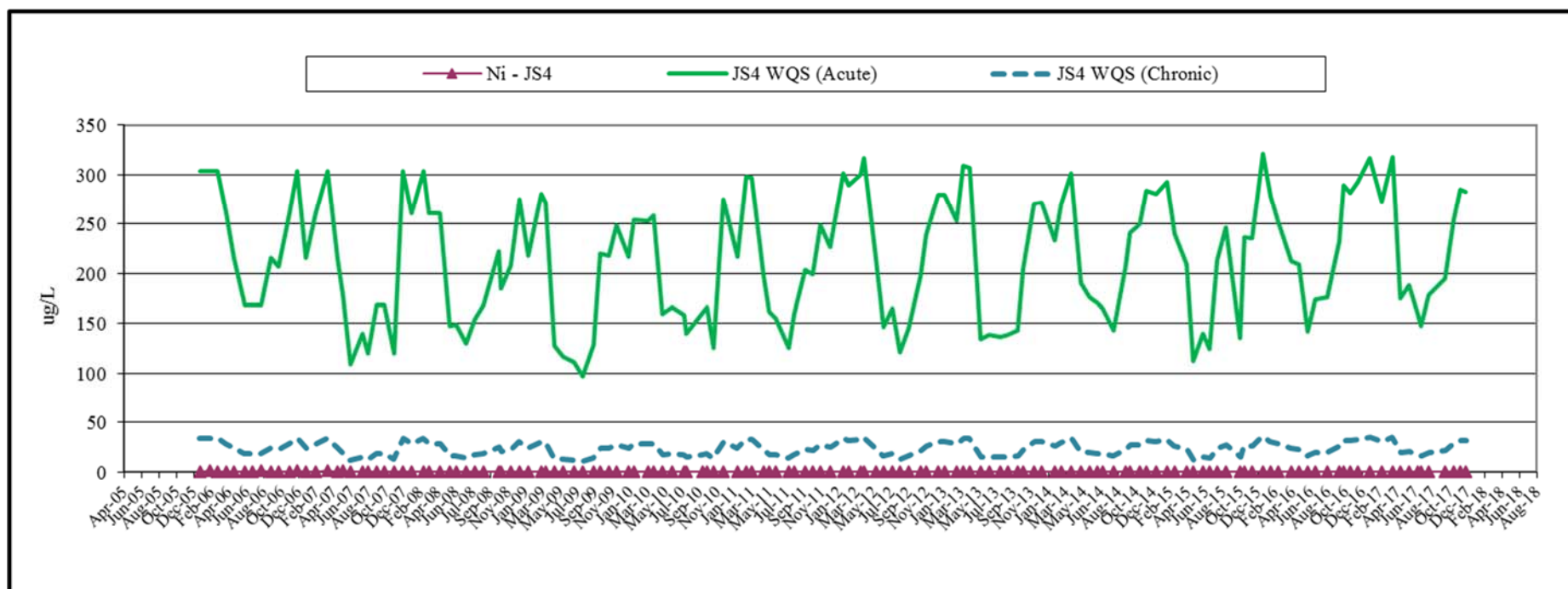


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

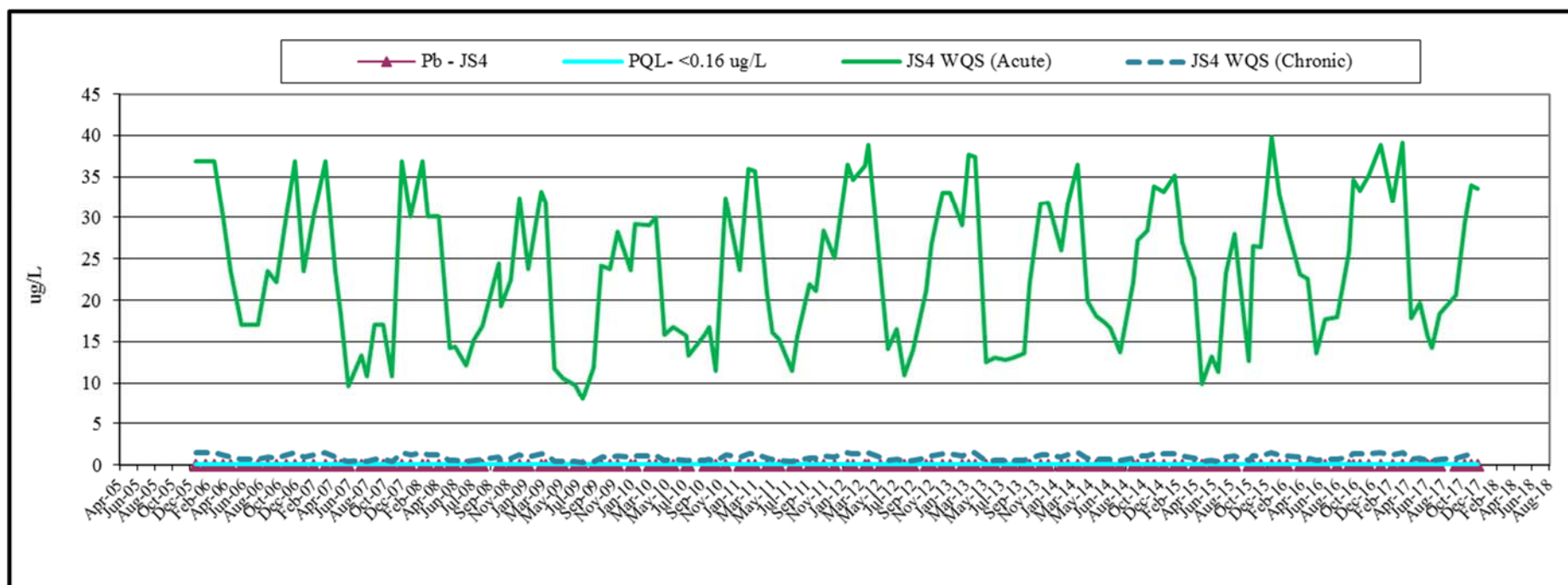


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

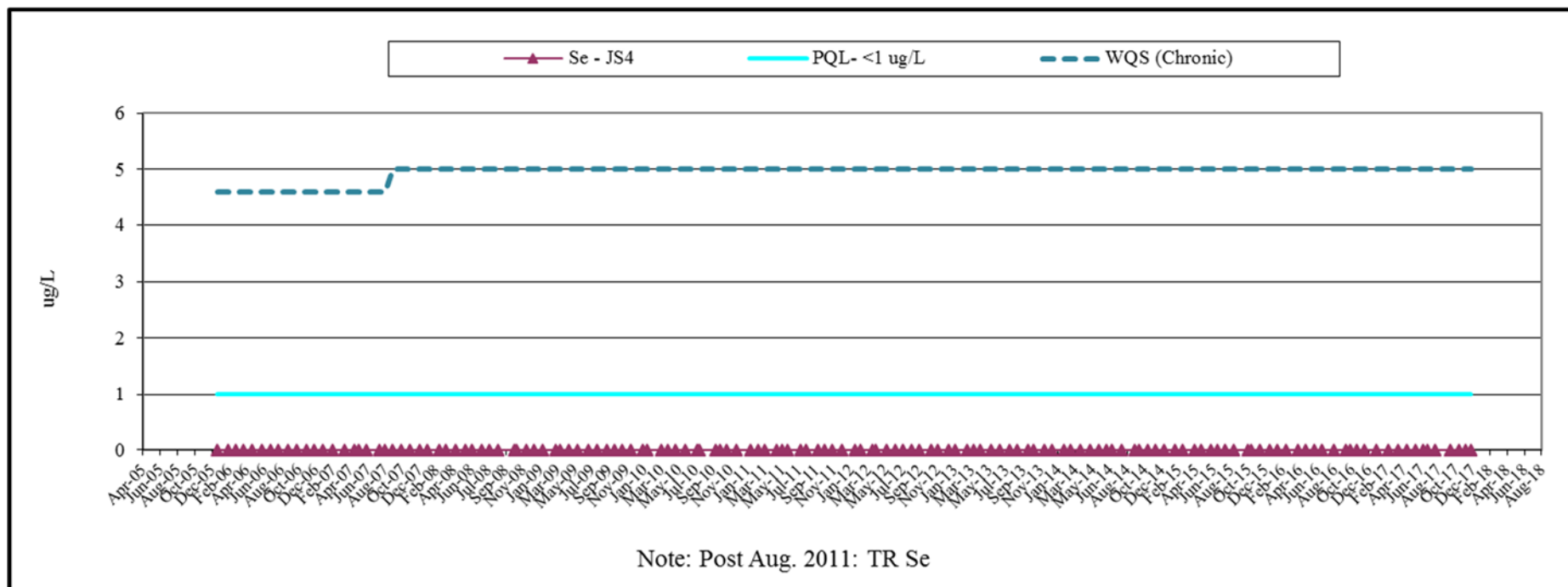


Figure 7c: Johnson Creek (JS4) Monitoring Results 2006-2017, Trace Chemistry

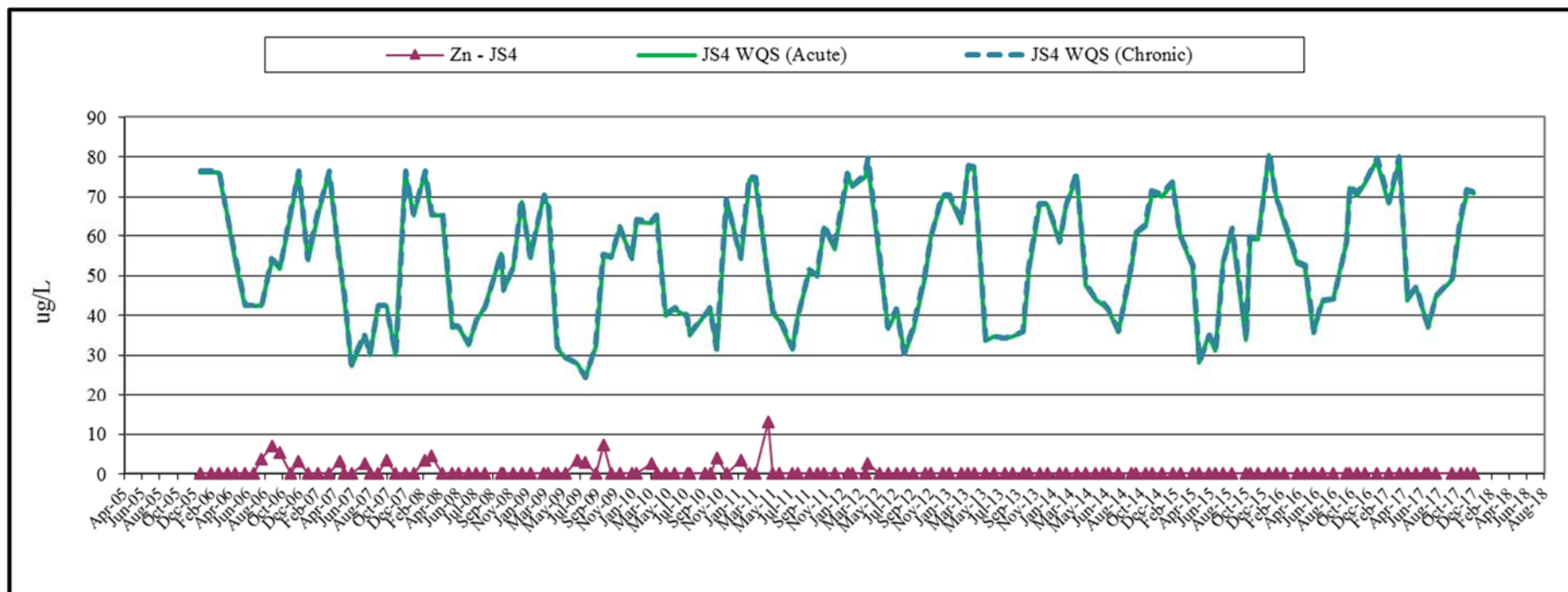


Figure 8a, Johnson Creek (JS5) Monitoring Results 2006-2017, Field Parameters

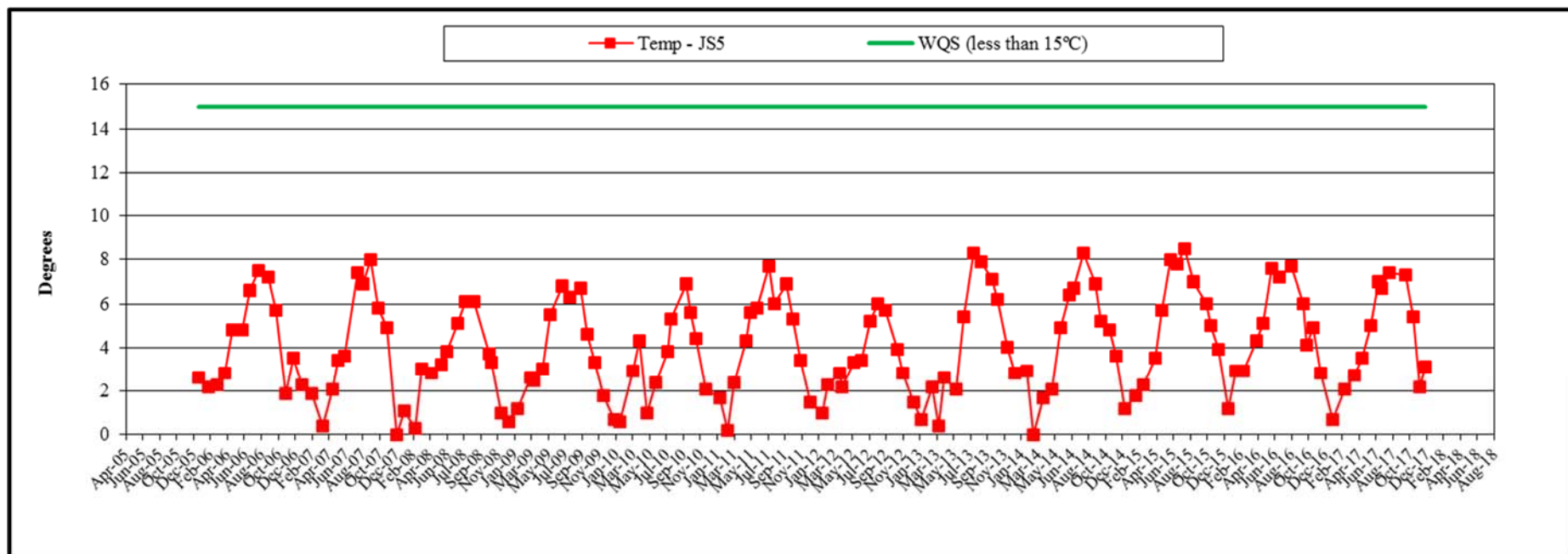


Figure 8a, Johnson Creek (JS5) Monitoring Results 2006-2017, Field Parameters

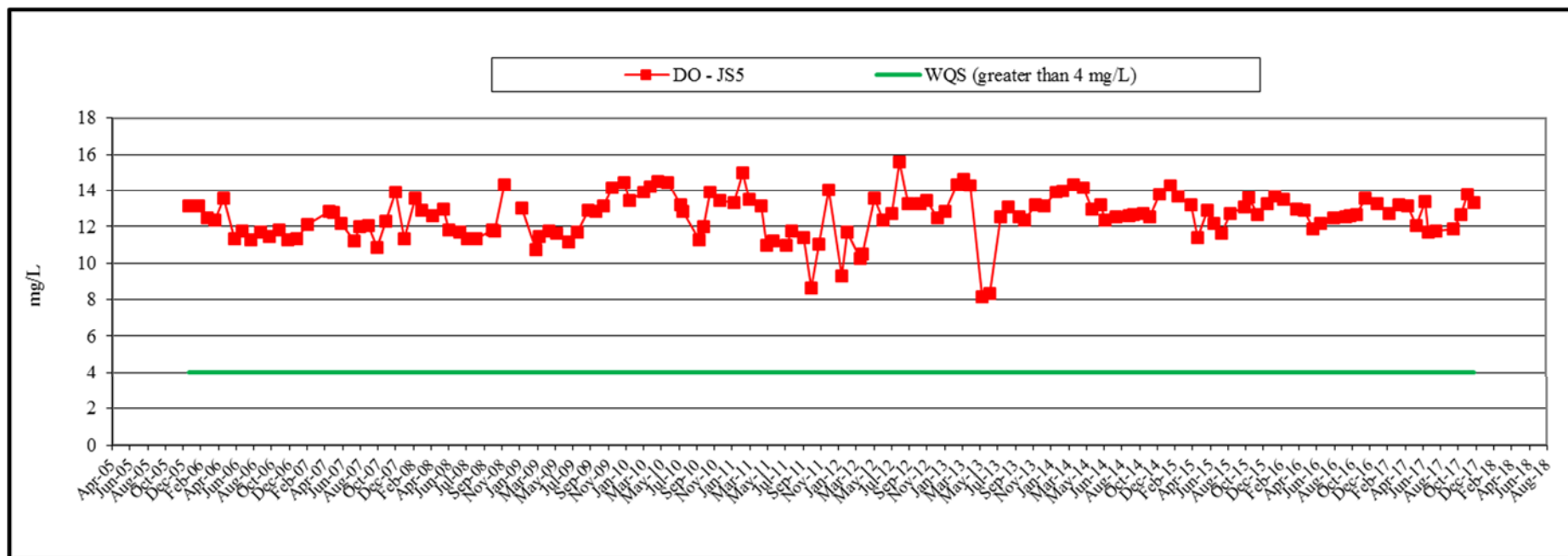


Figure 8a, Johnson Creek (JS5) Monitoring Results 2006-2017, Field Parameters

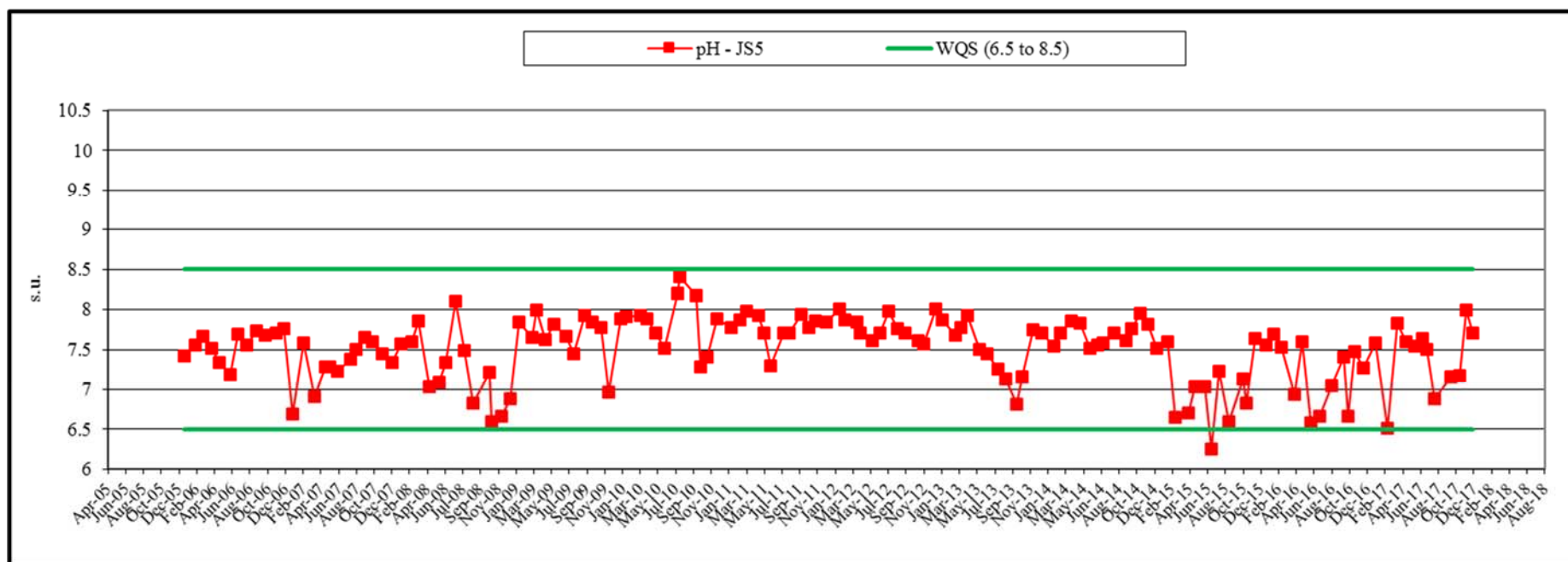


Figure 8a, Johnson Creek (JS5) Monitoring Results 2006-2017, Field Parameters

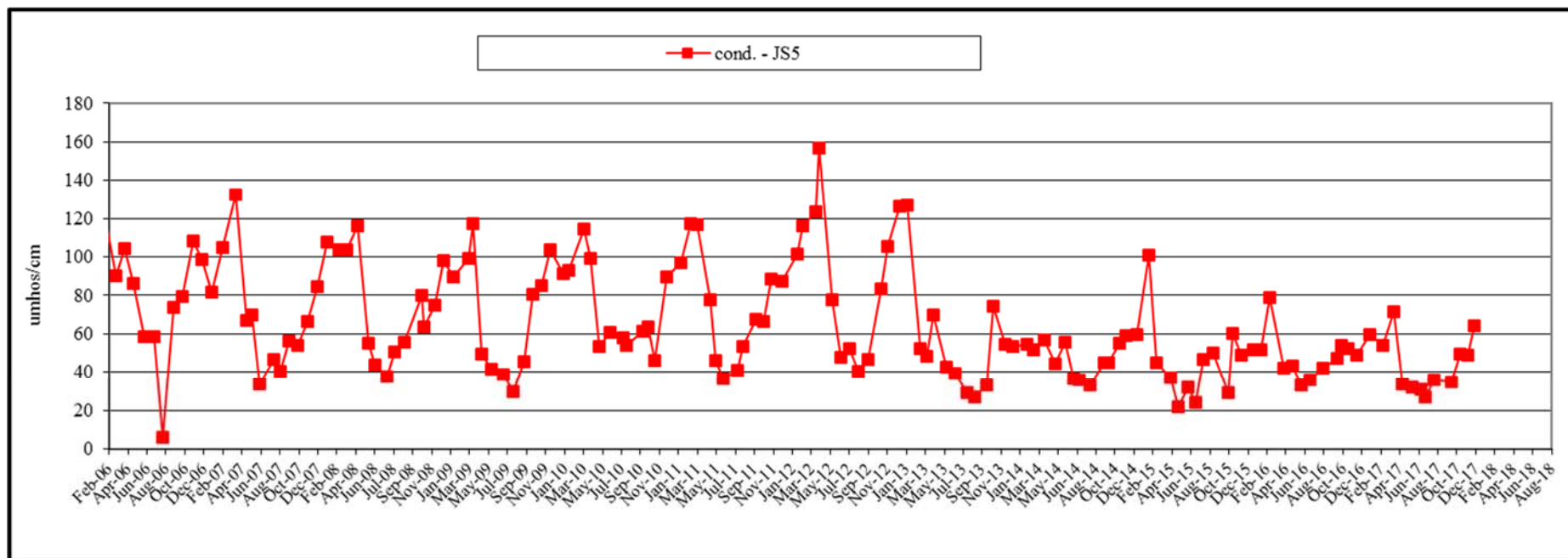


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

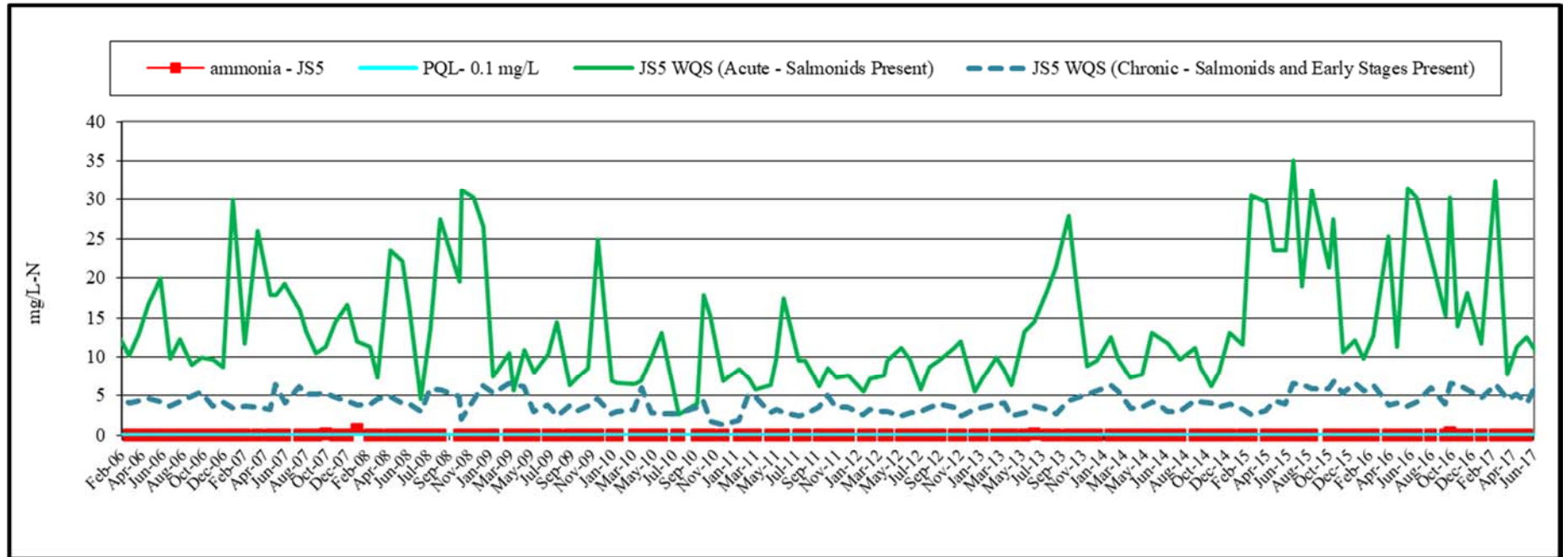


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

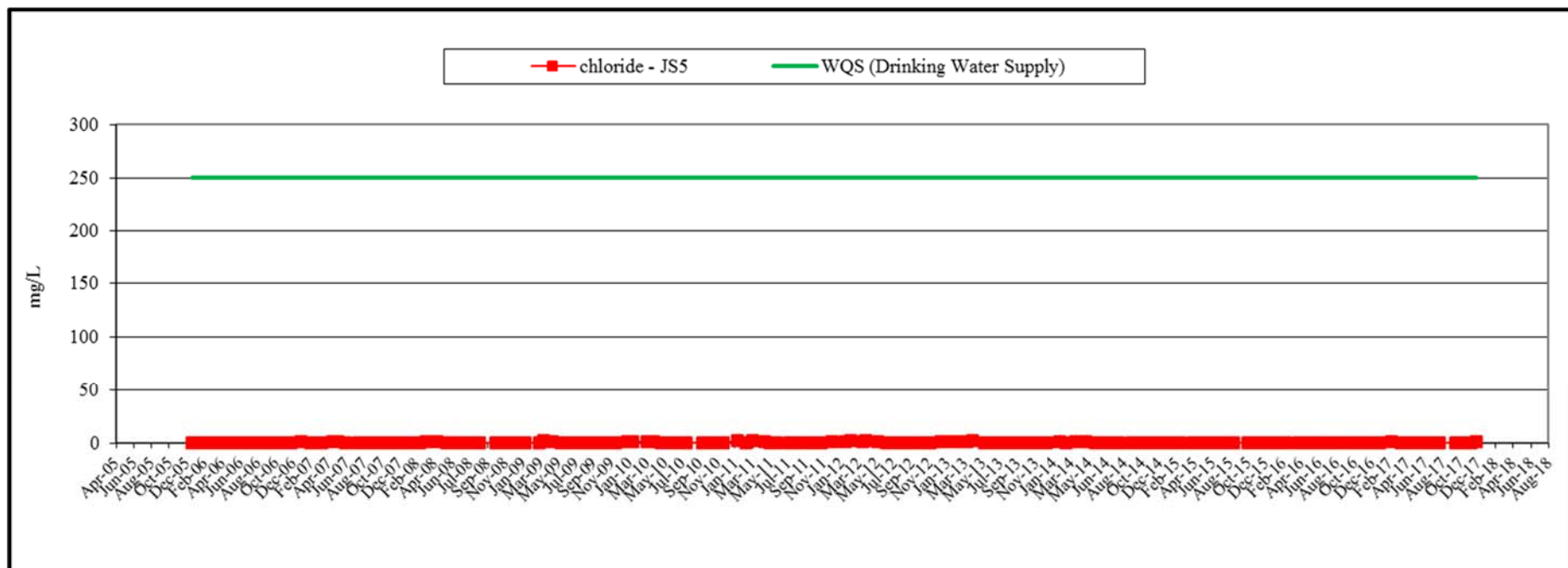


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

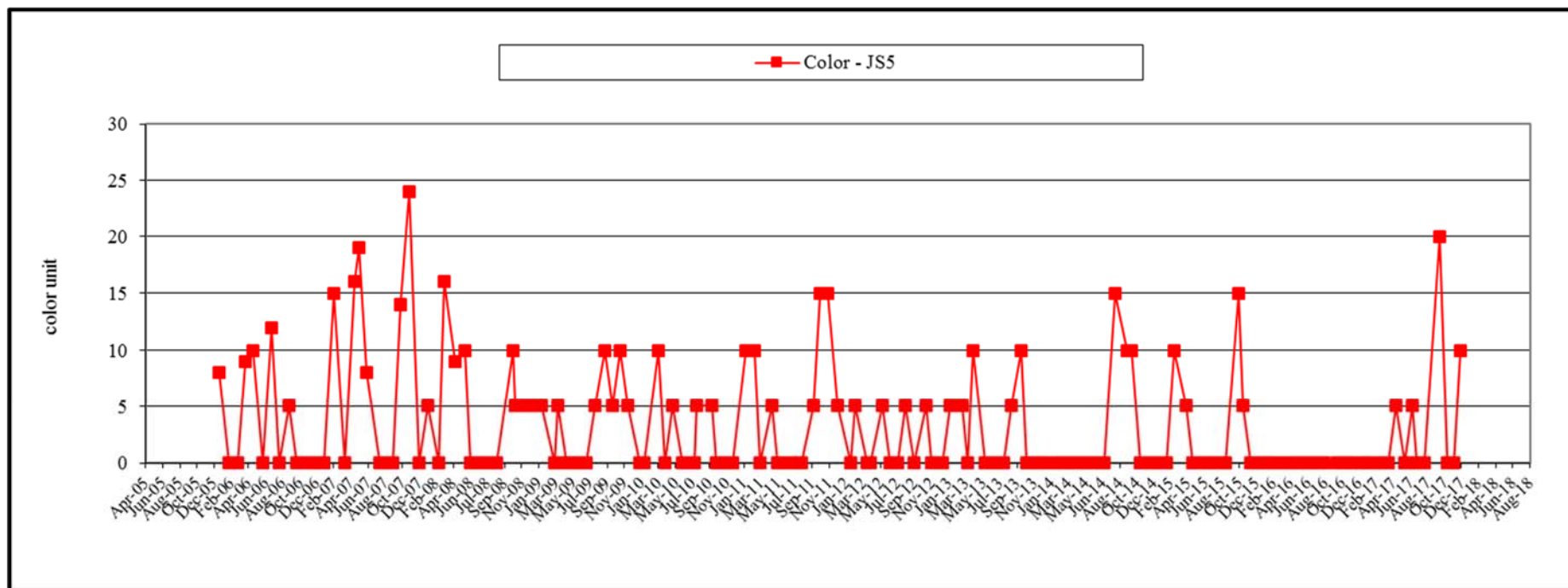


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

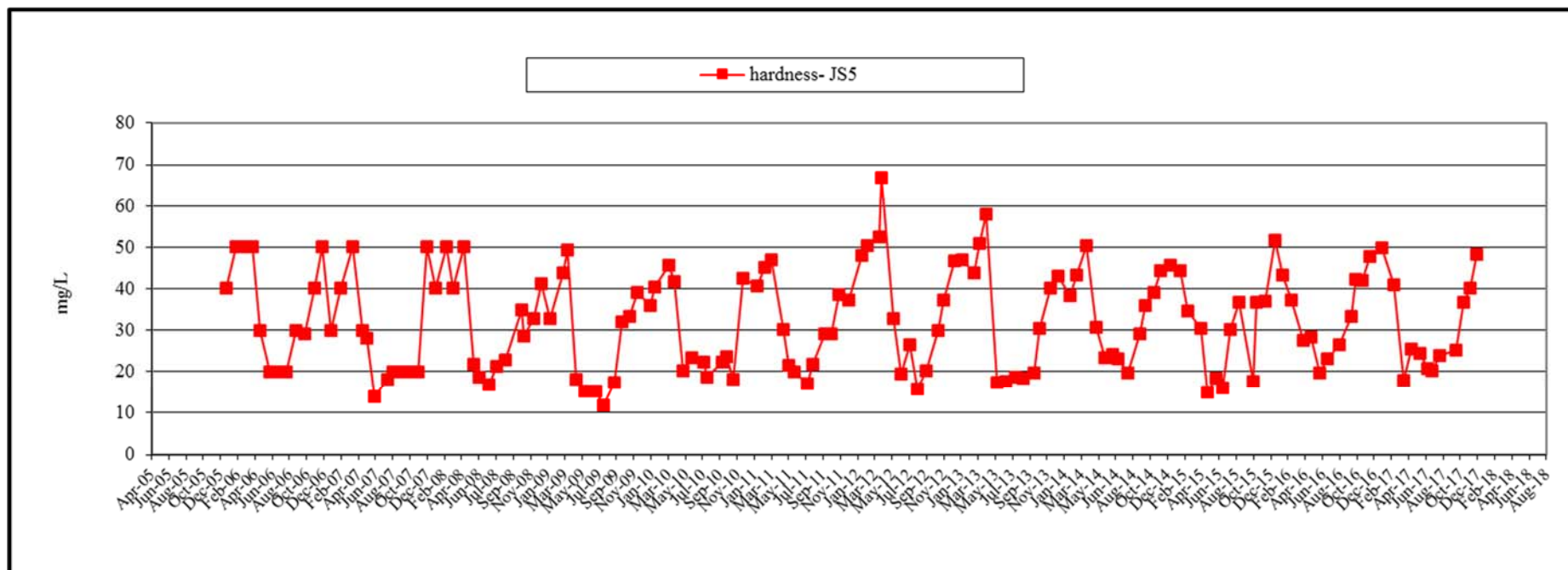


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

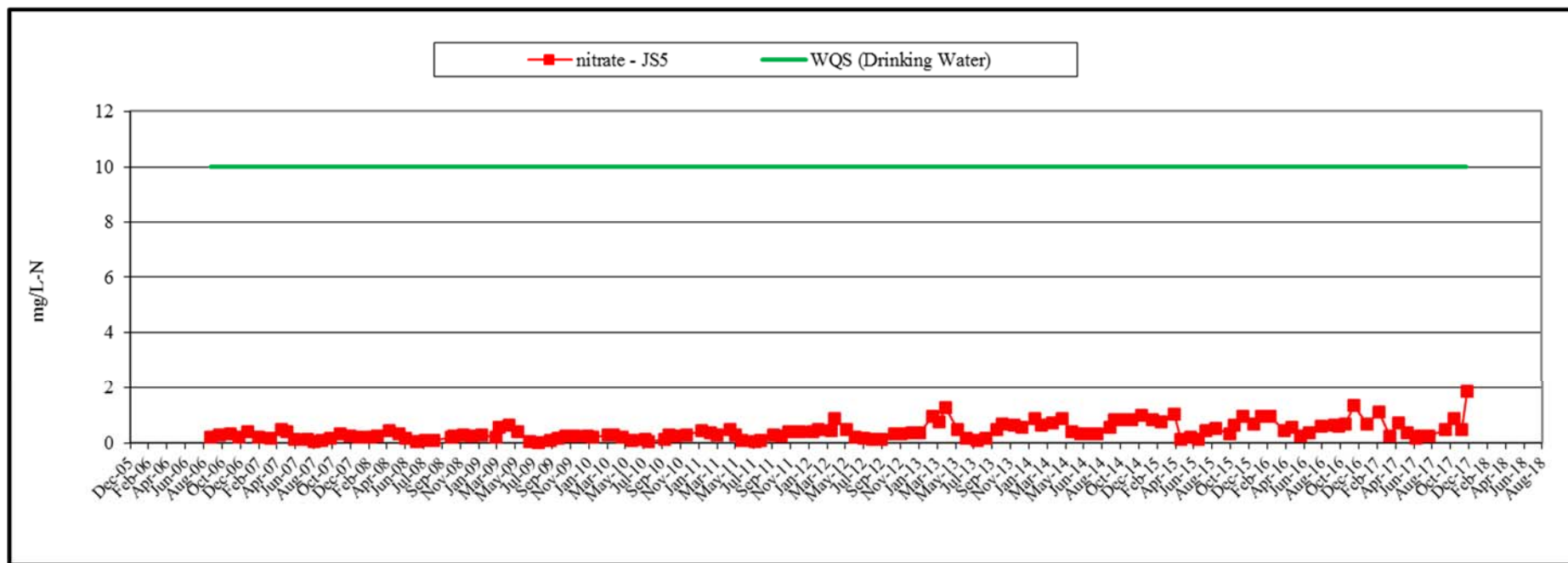


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

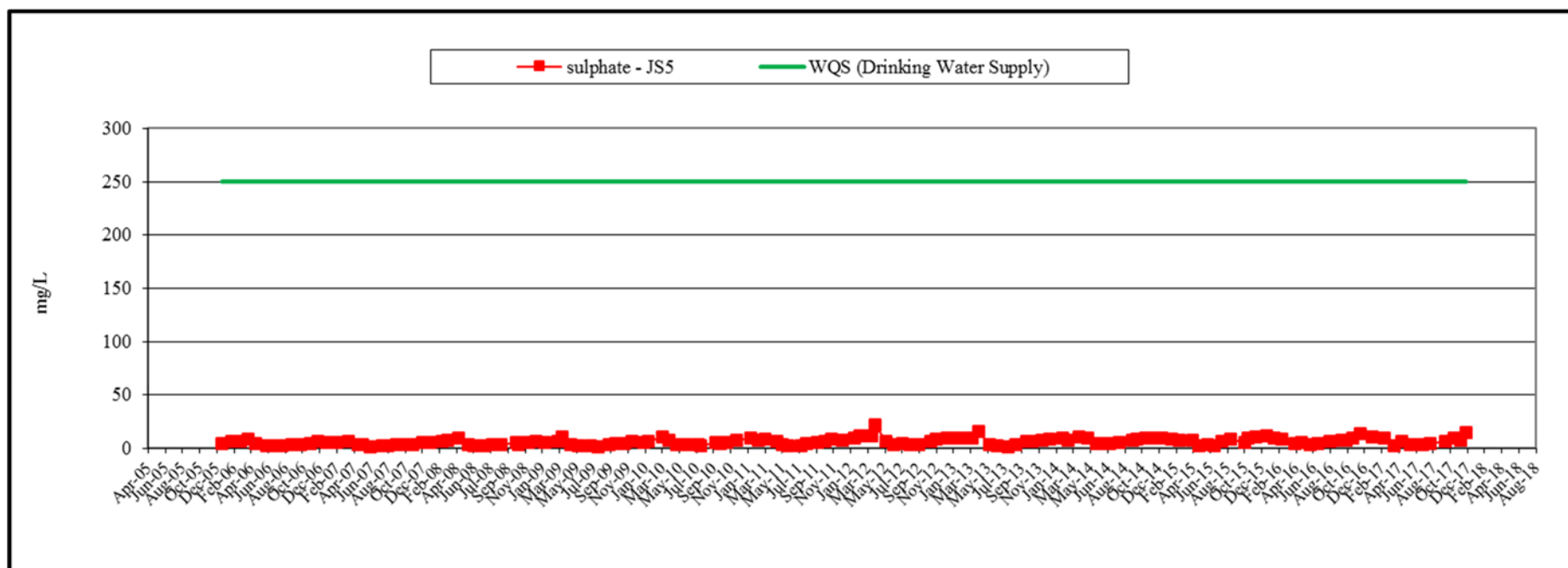


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

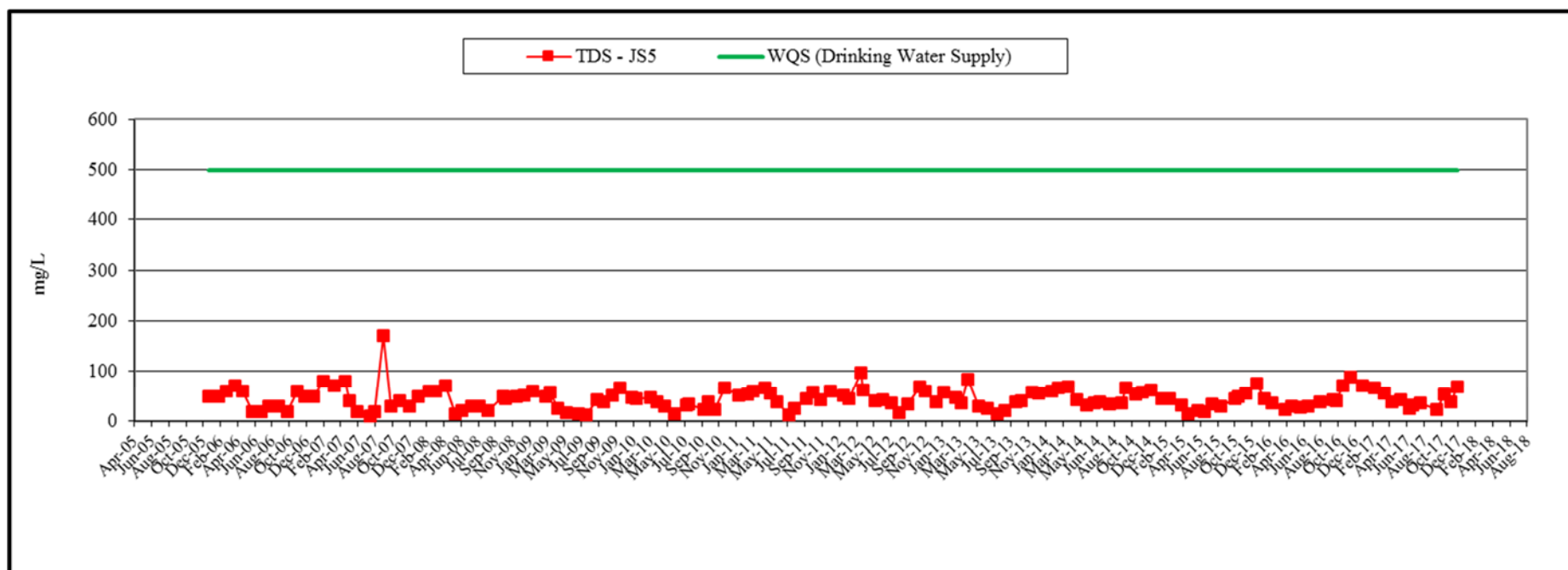


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

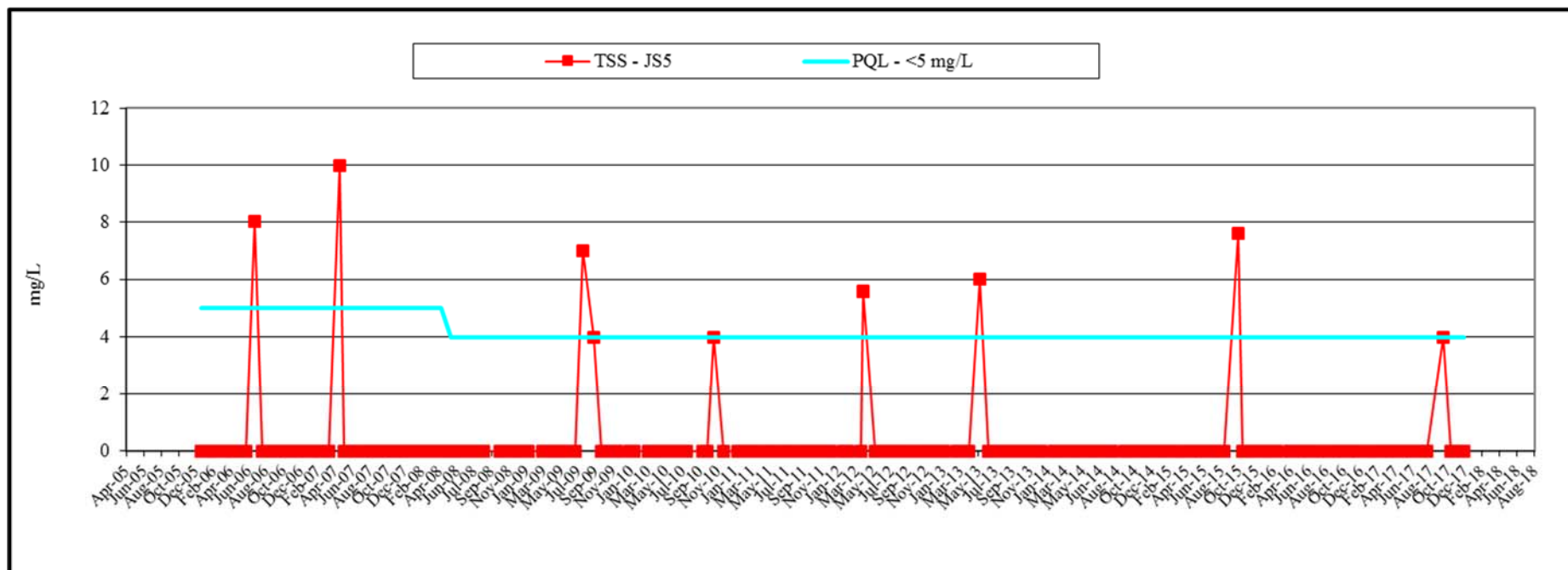


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

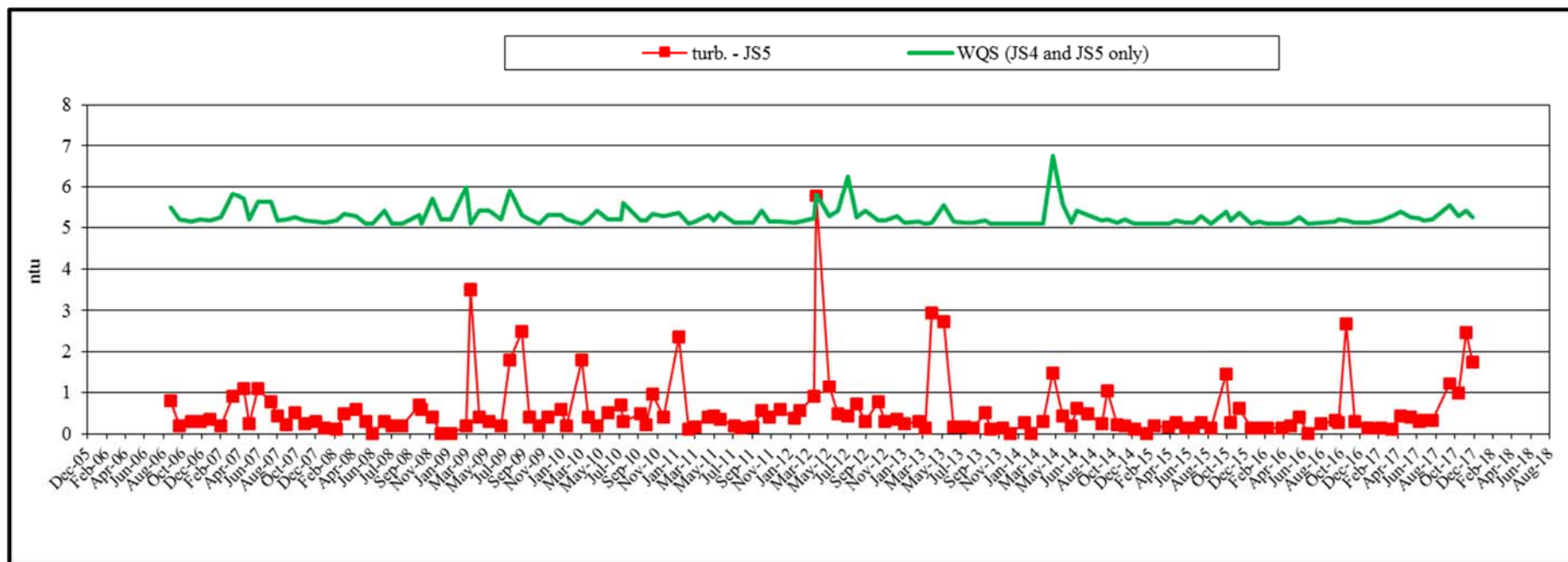


Figure 8b, Johnson Creek (JS5) Monitoring Results 2006-2017, Major Chemistry

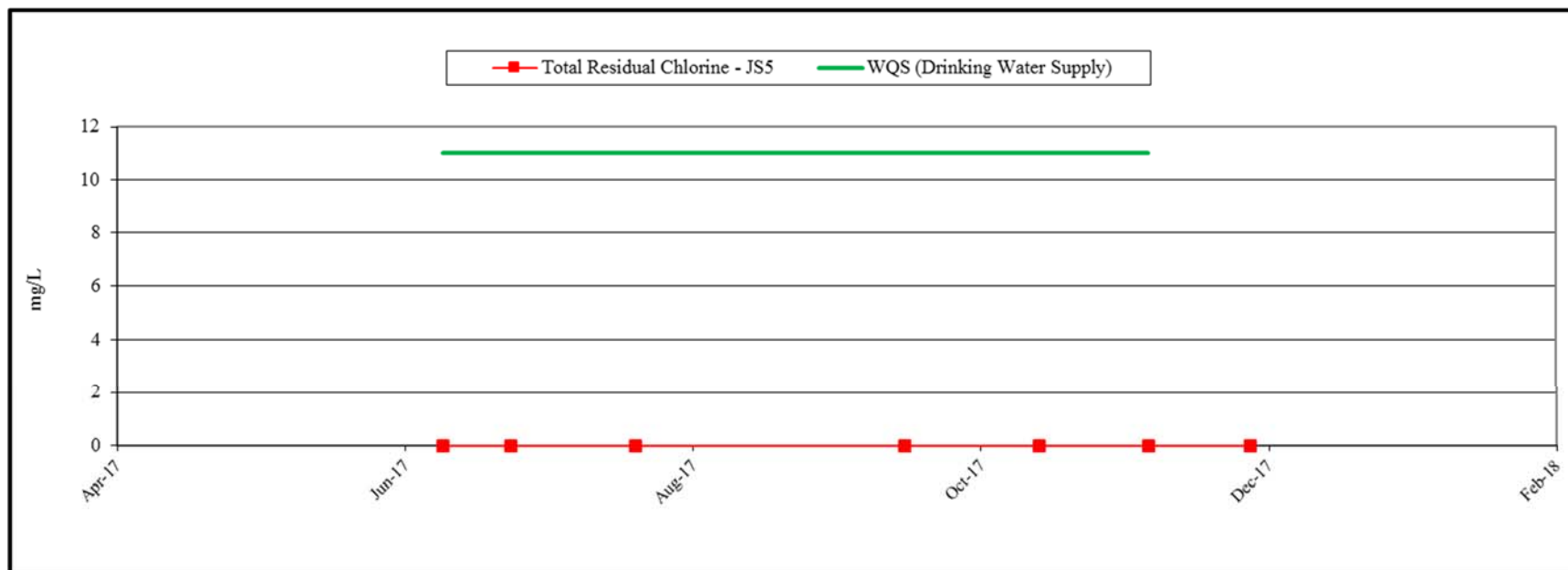


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

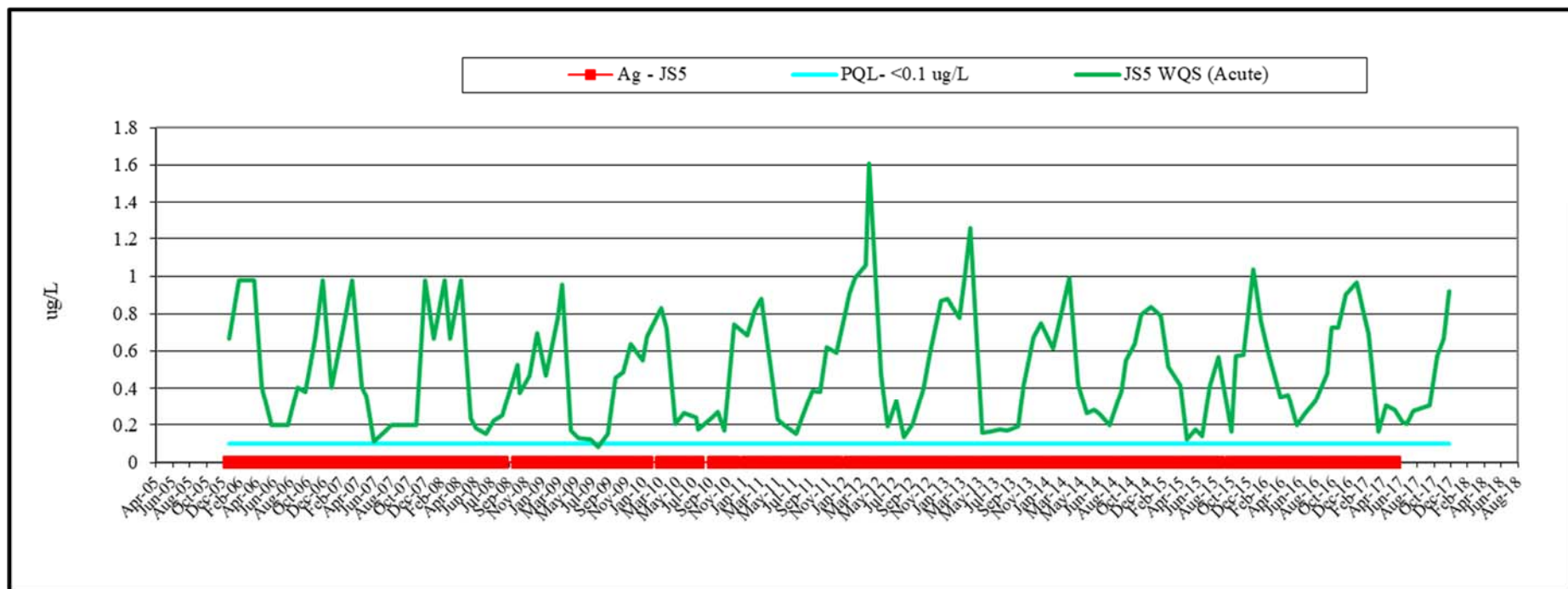


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

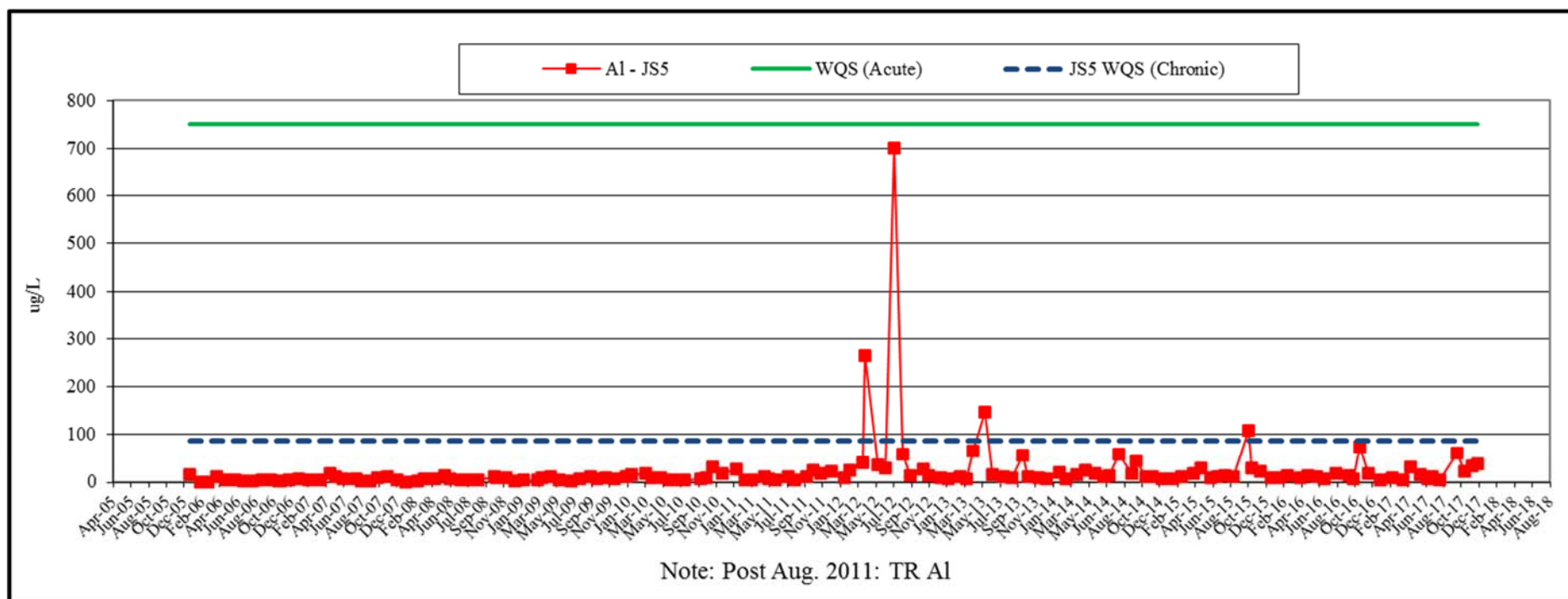


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

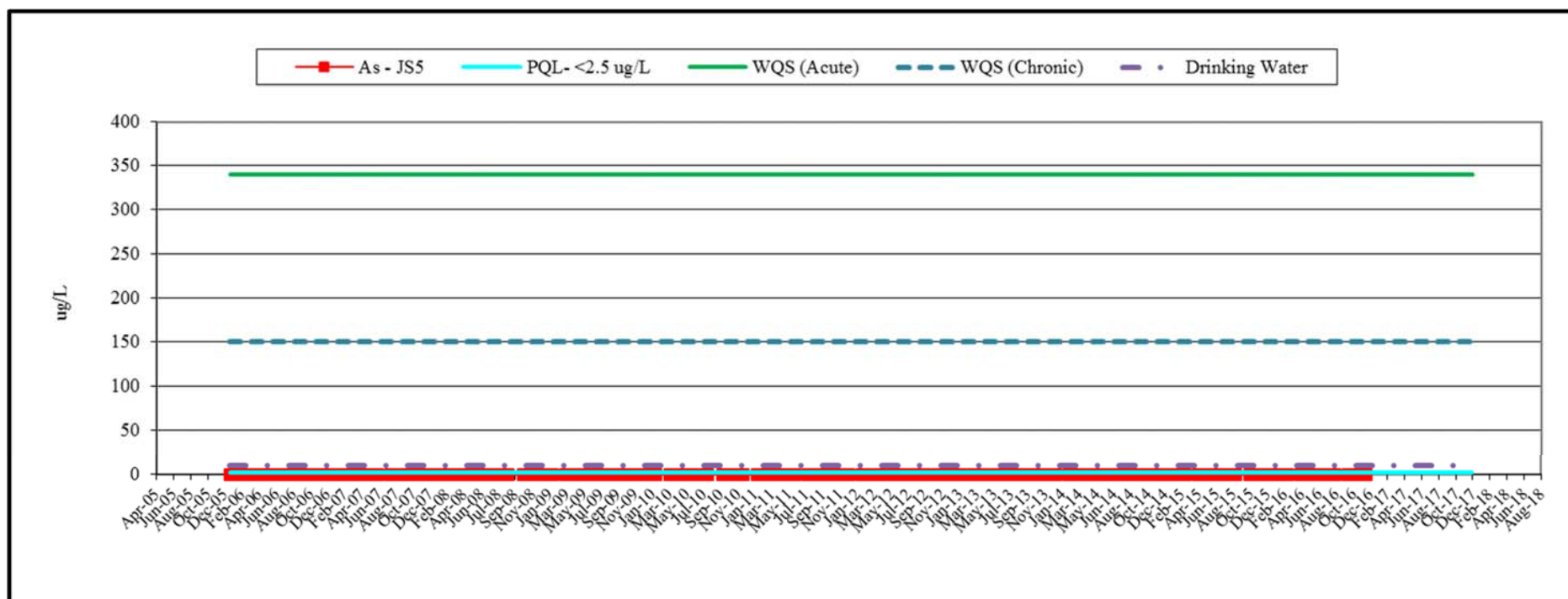


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

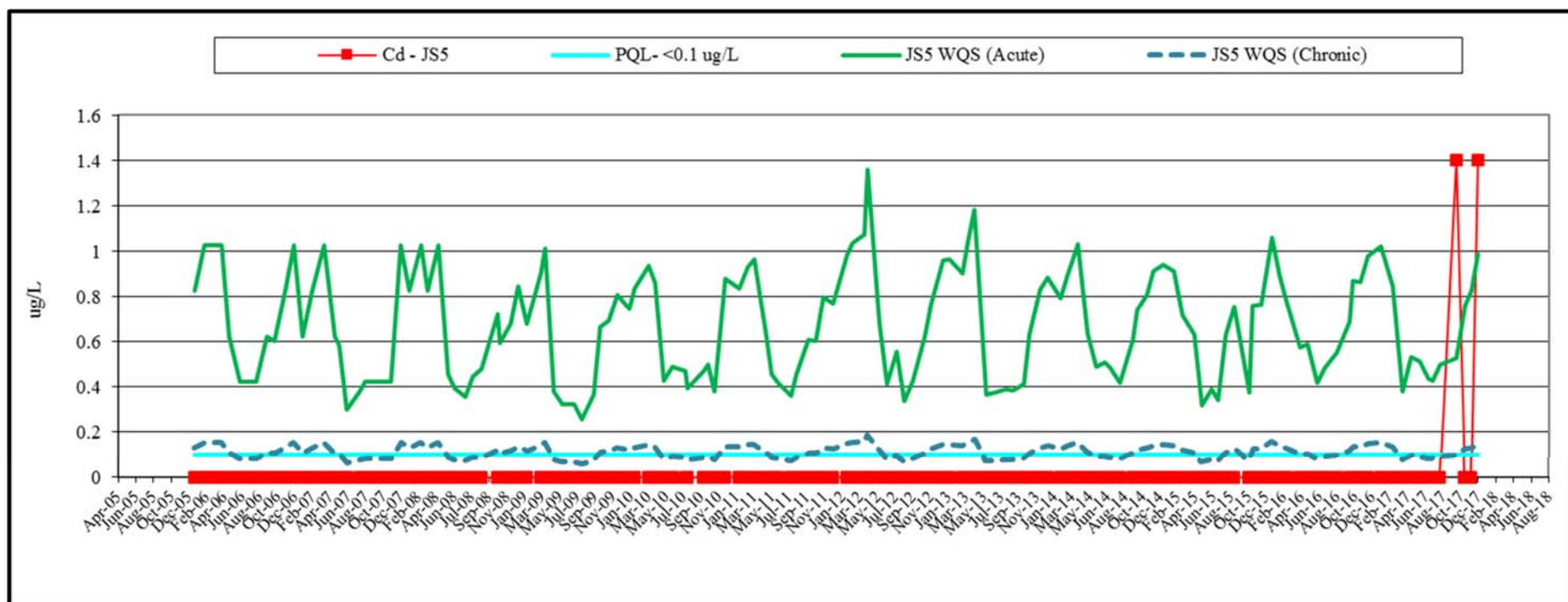


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

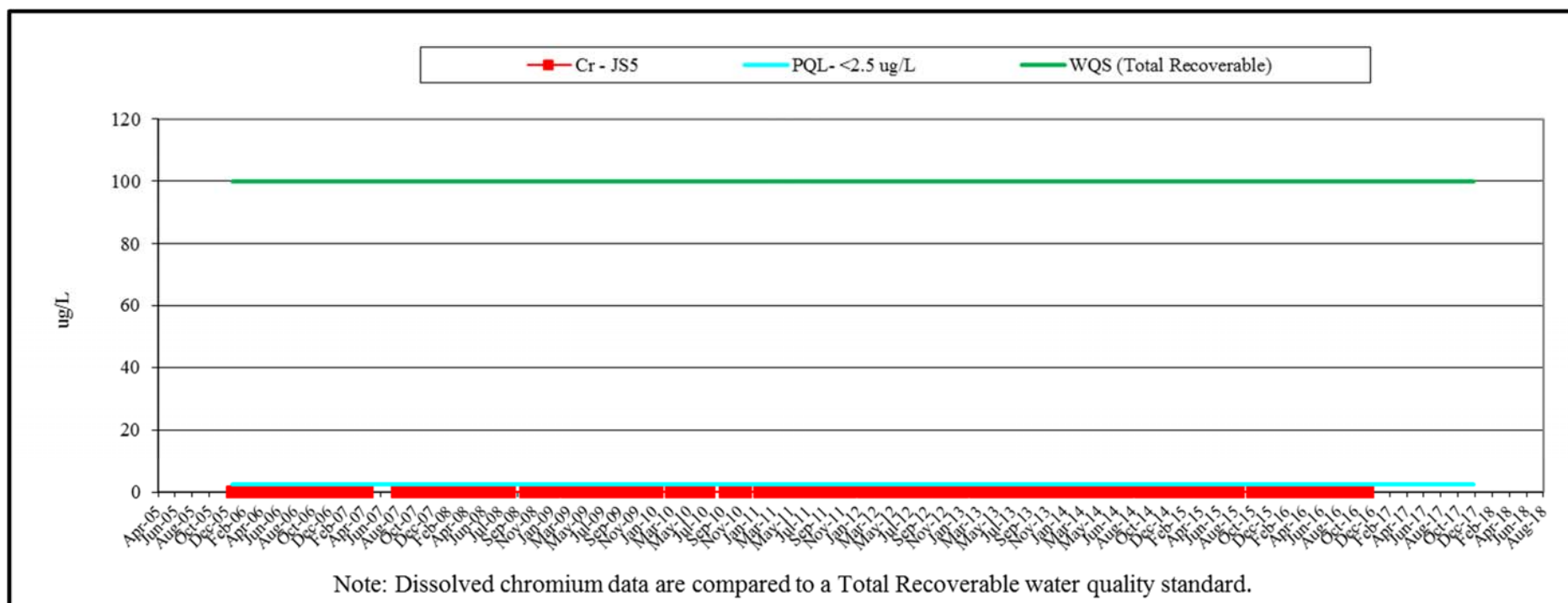


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

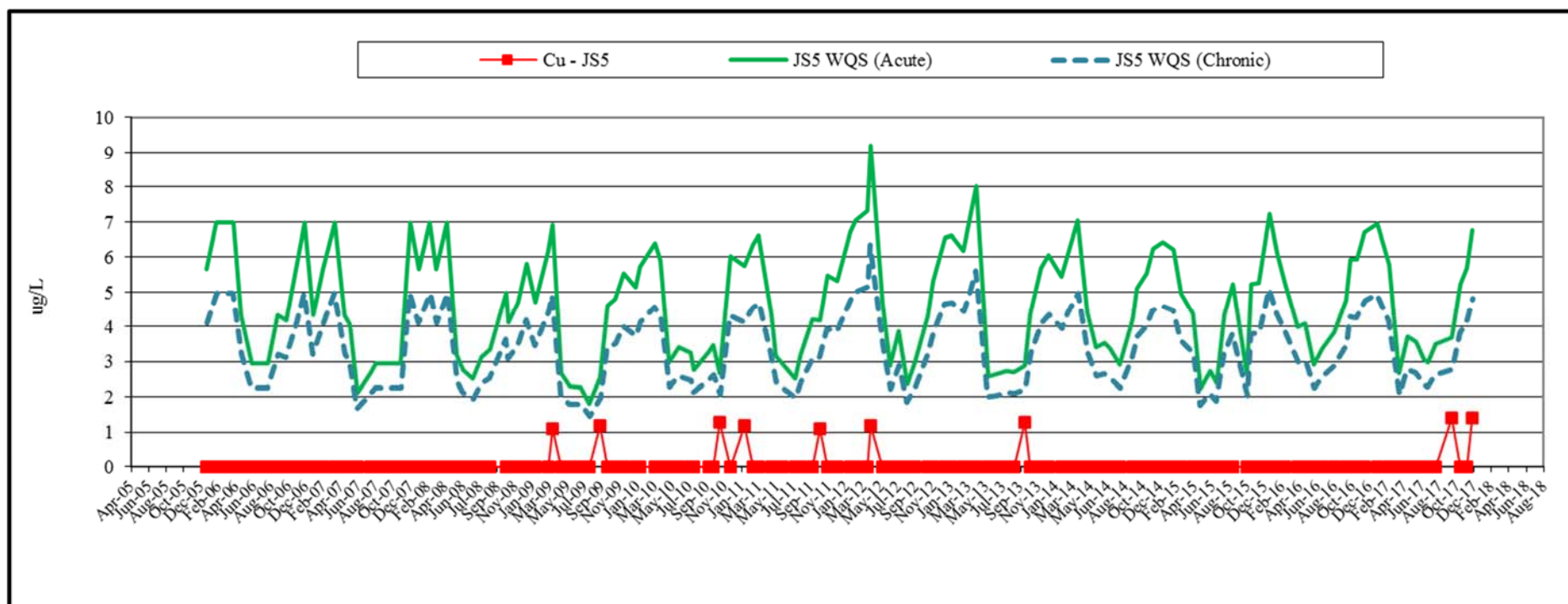


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

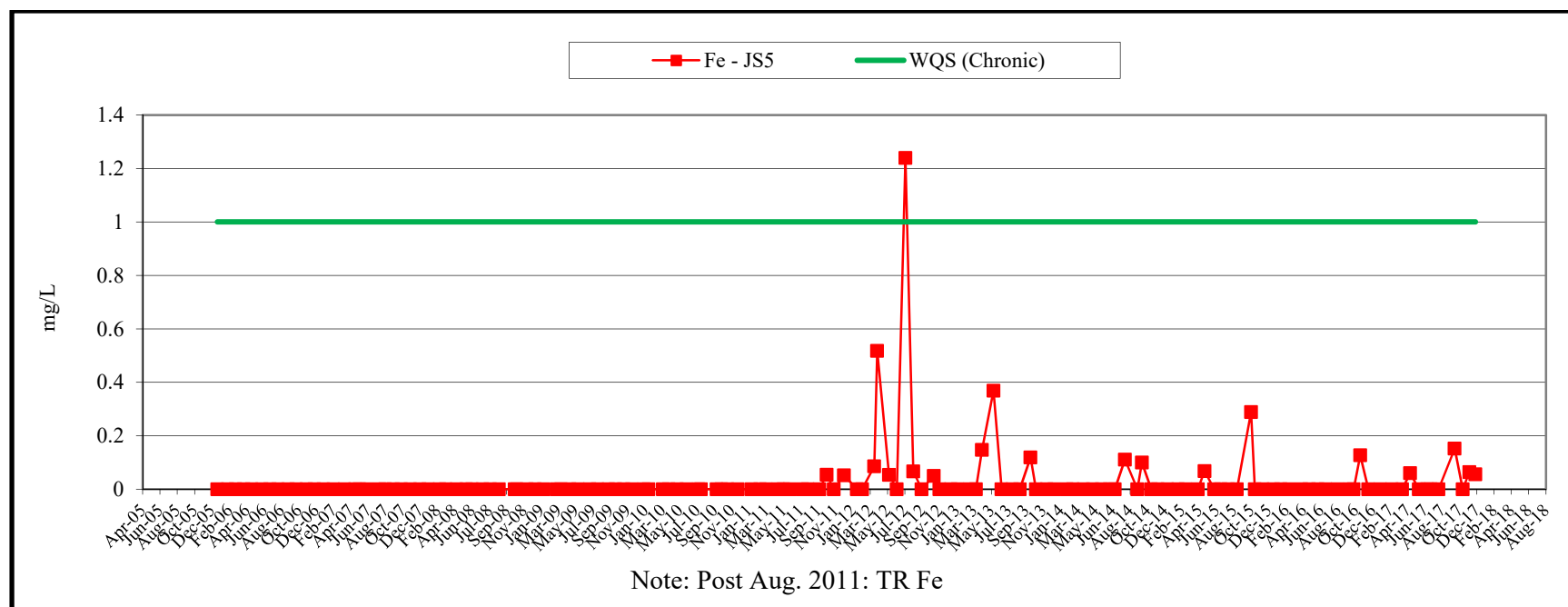


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

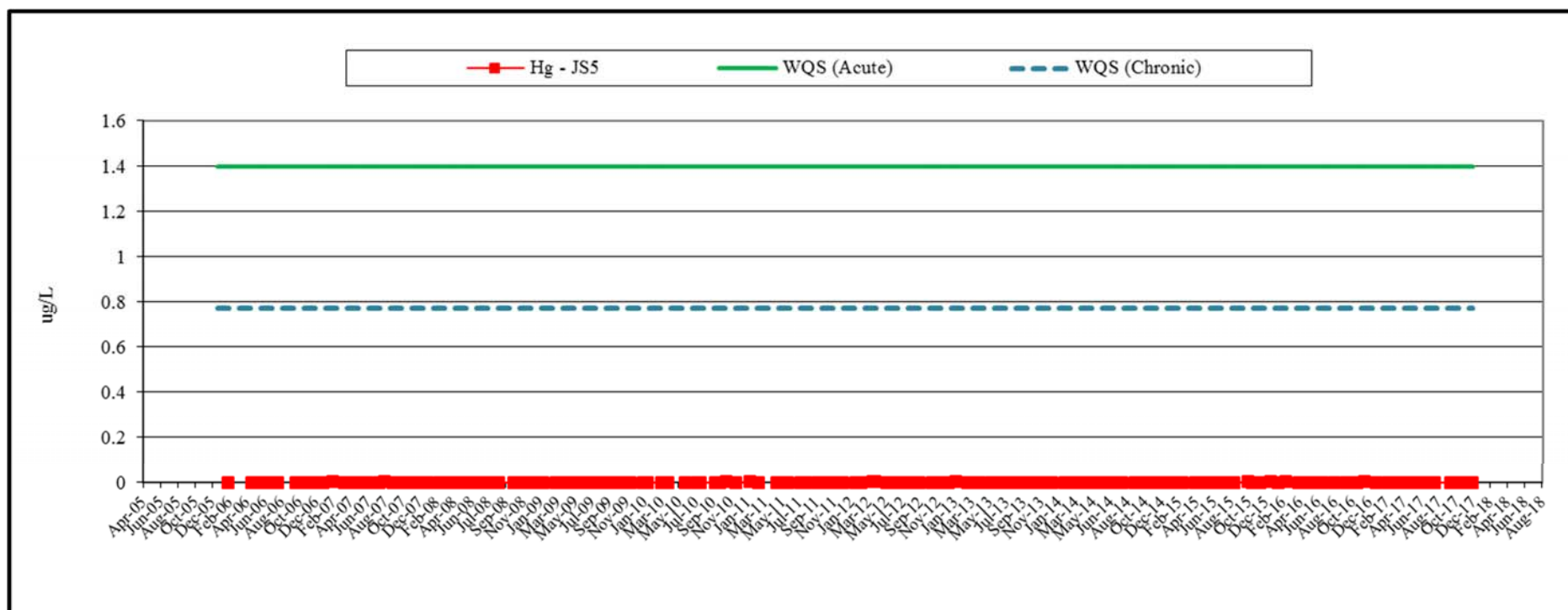


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

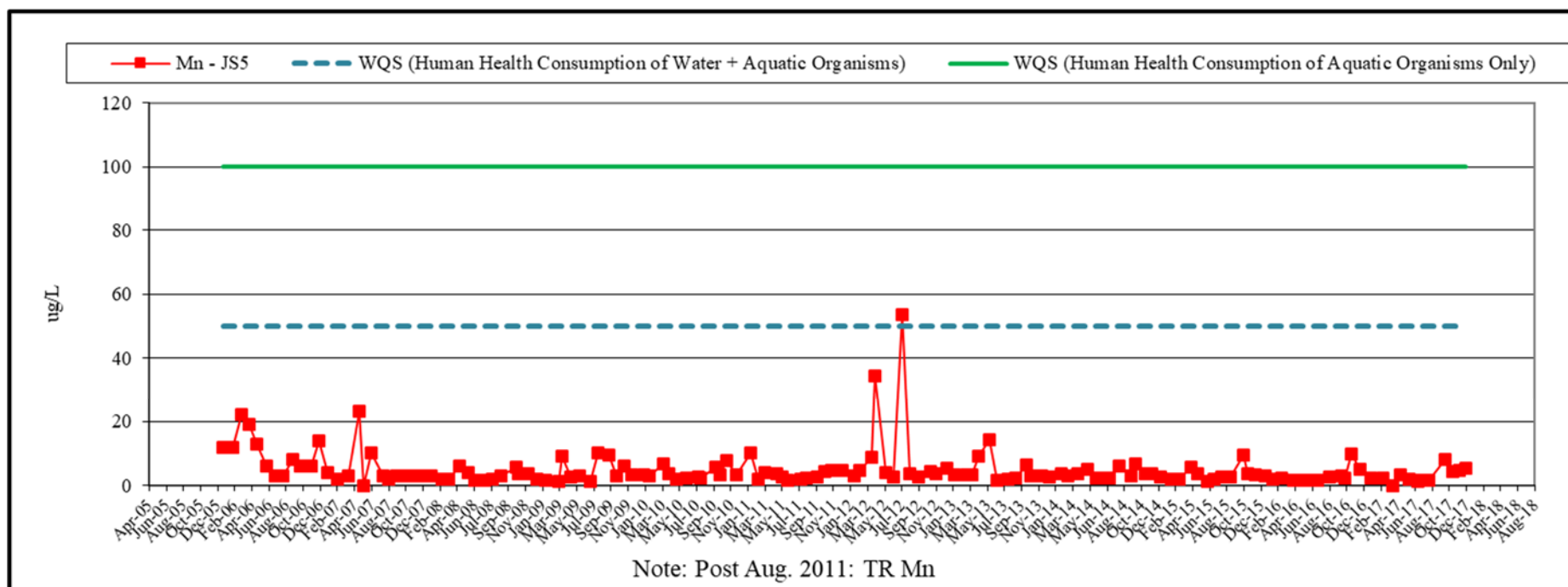


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

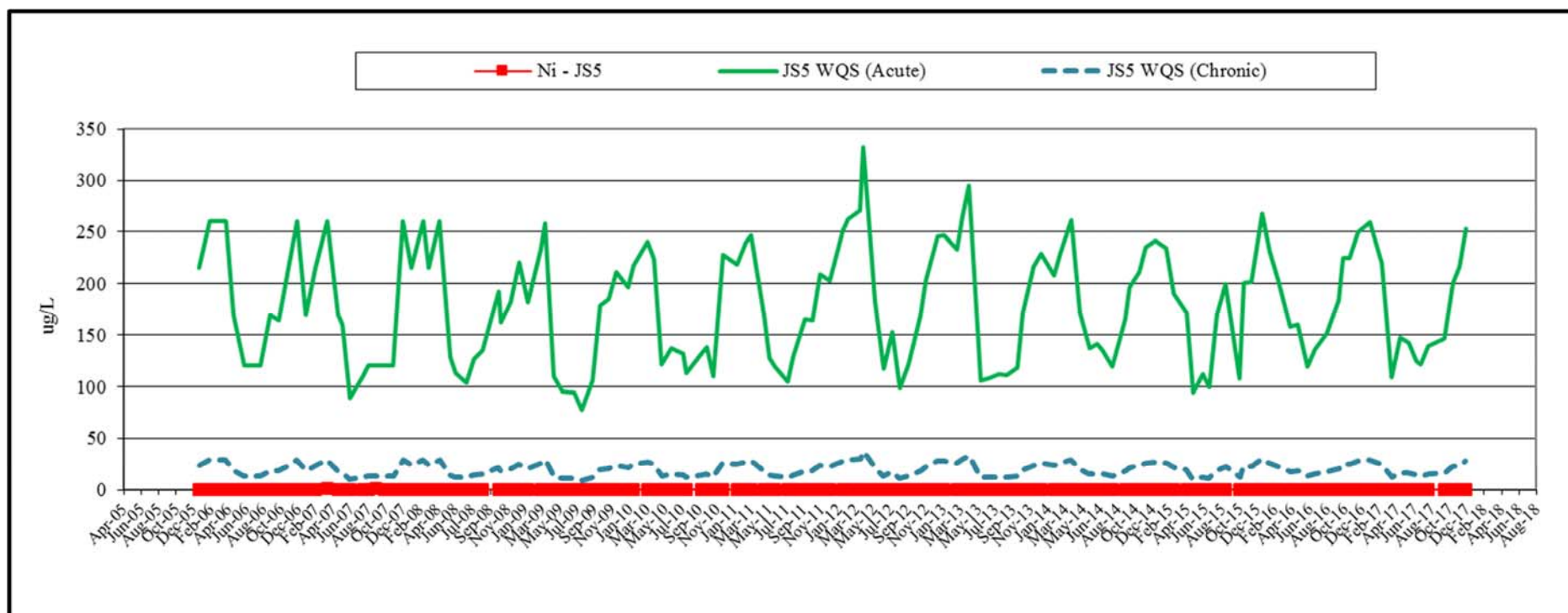


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

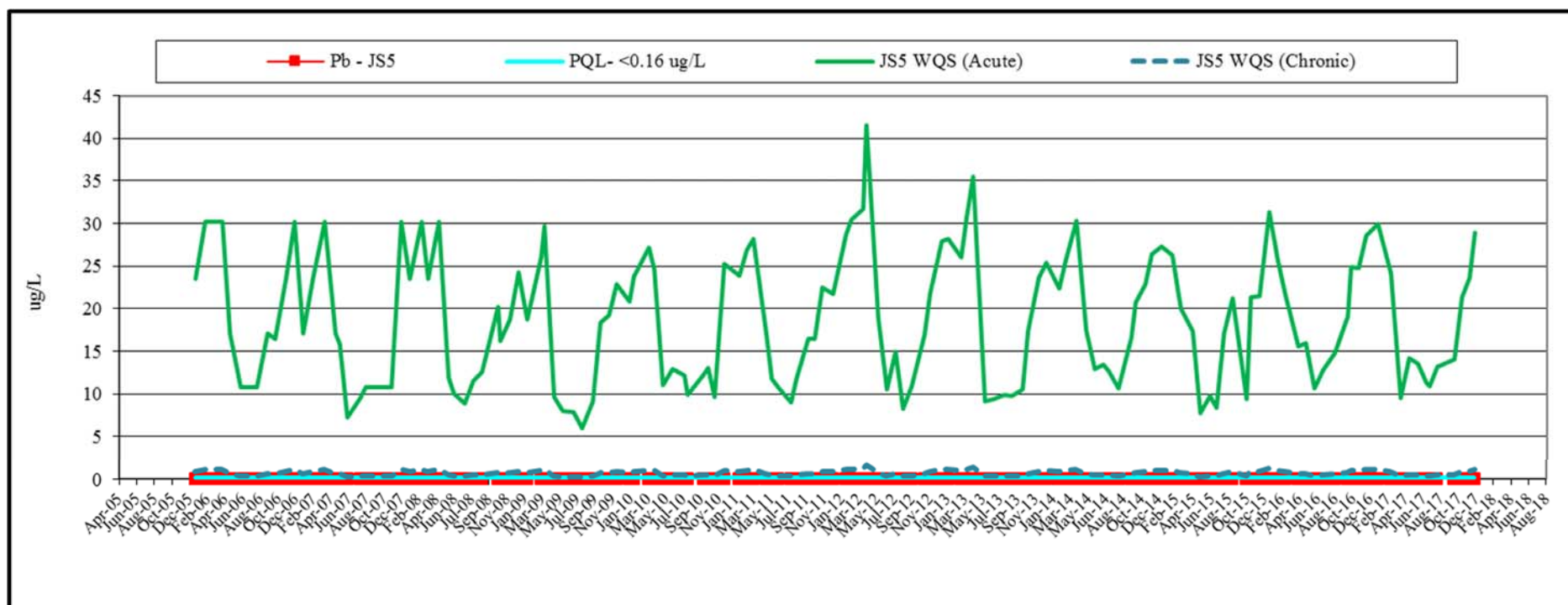


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

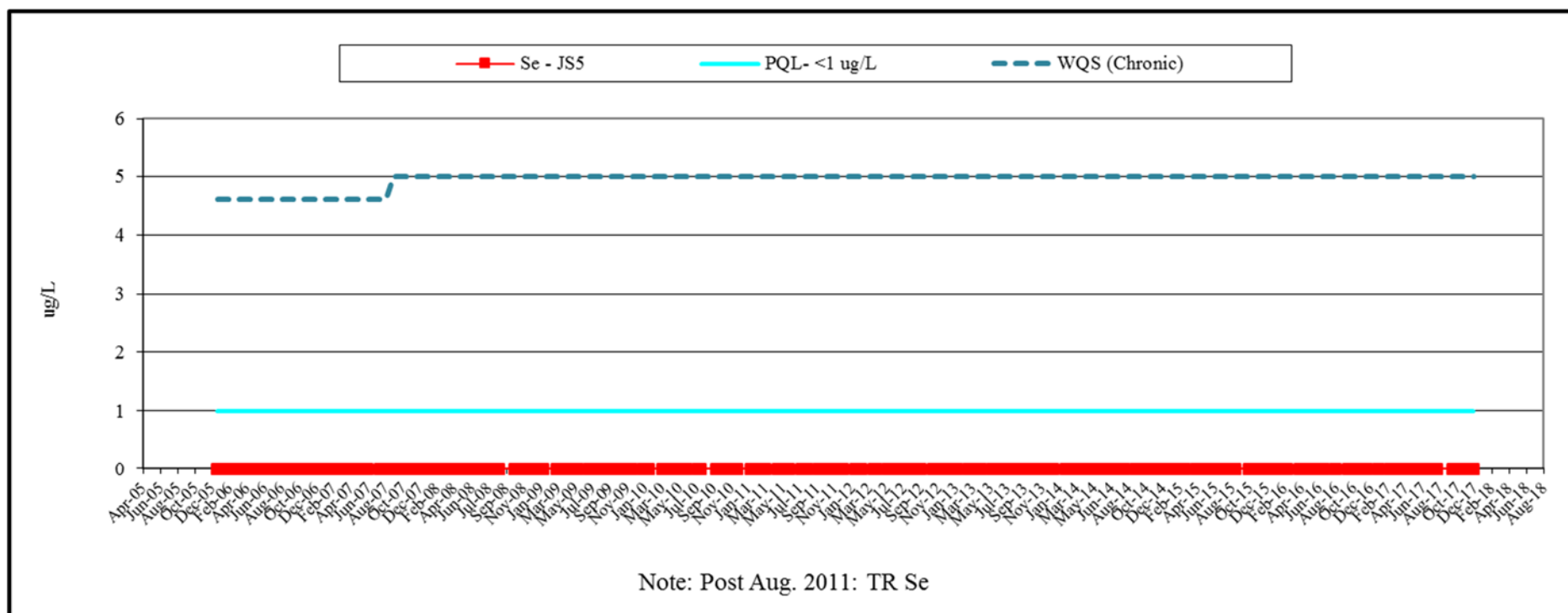


Figure 8c, Johnson Creek (JS5) Monitoring Results 2006-2017, Trace Chemistry

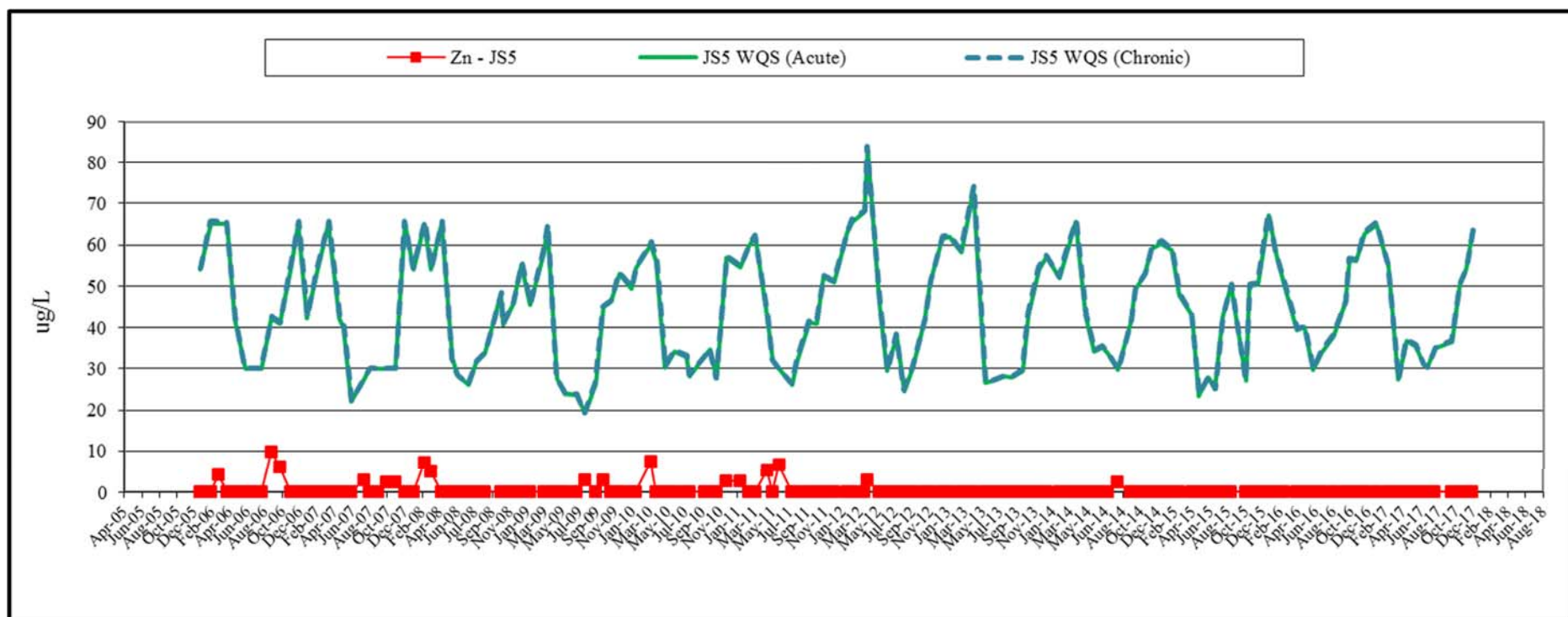


Figure 9a: Slate Creek (MLA) Monitoring Results 2006-2017, Field Parameters

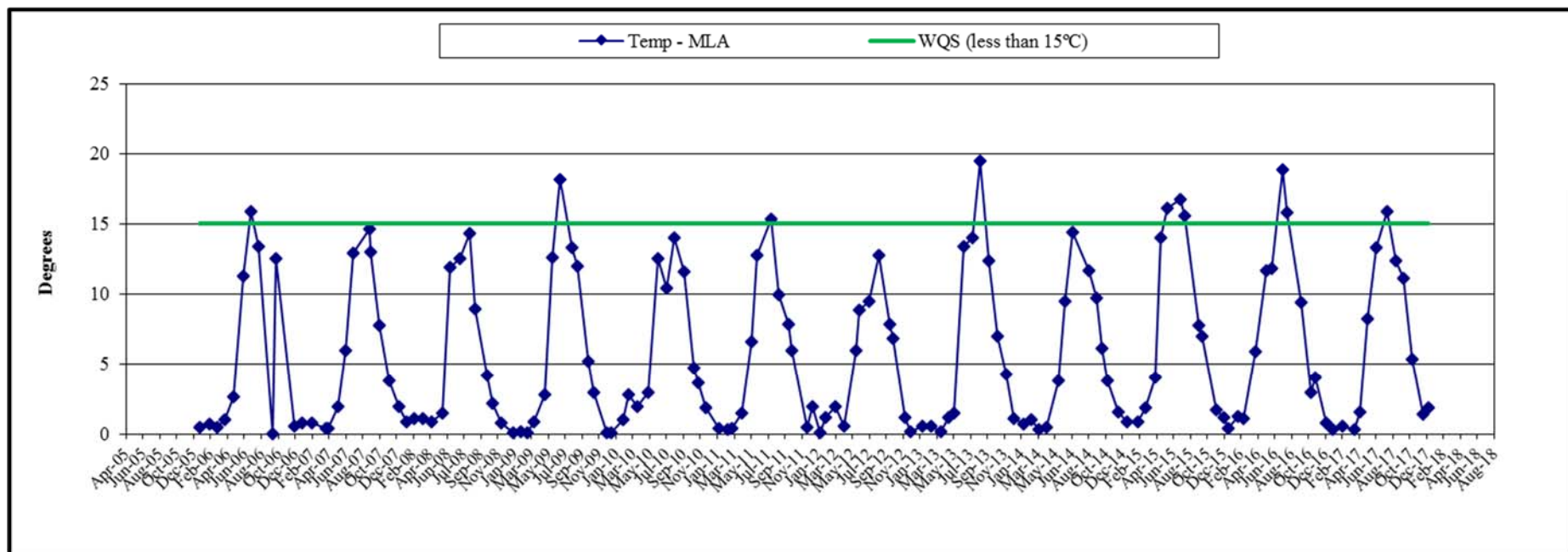


Figure 9a: Slate Creek (MLA) Monitoring Results 2006-2017, Field Parameters

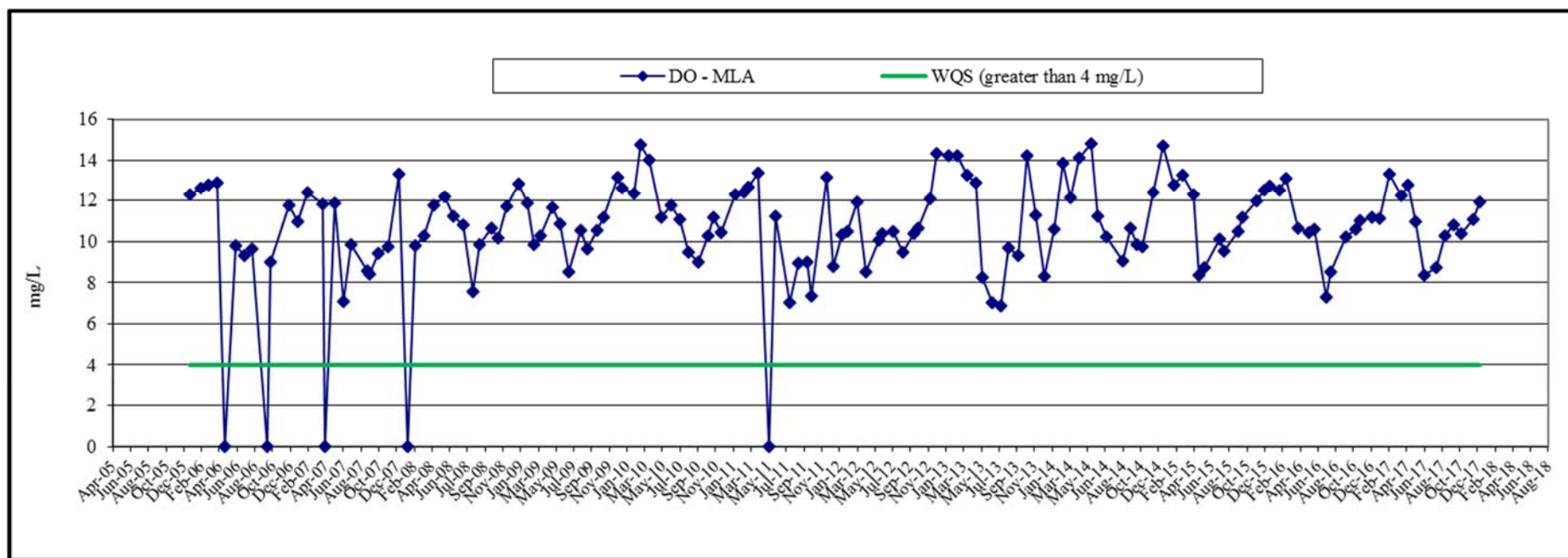


Figure 9a: Slate Creek (MLA) Monitoring Results 2006-2017, Field Parameters

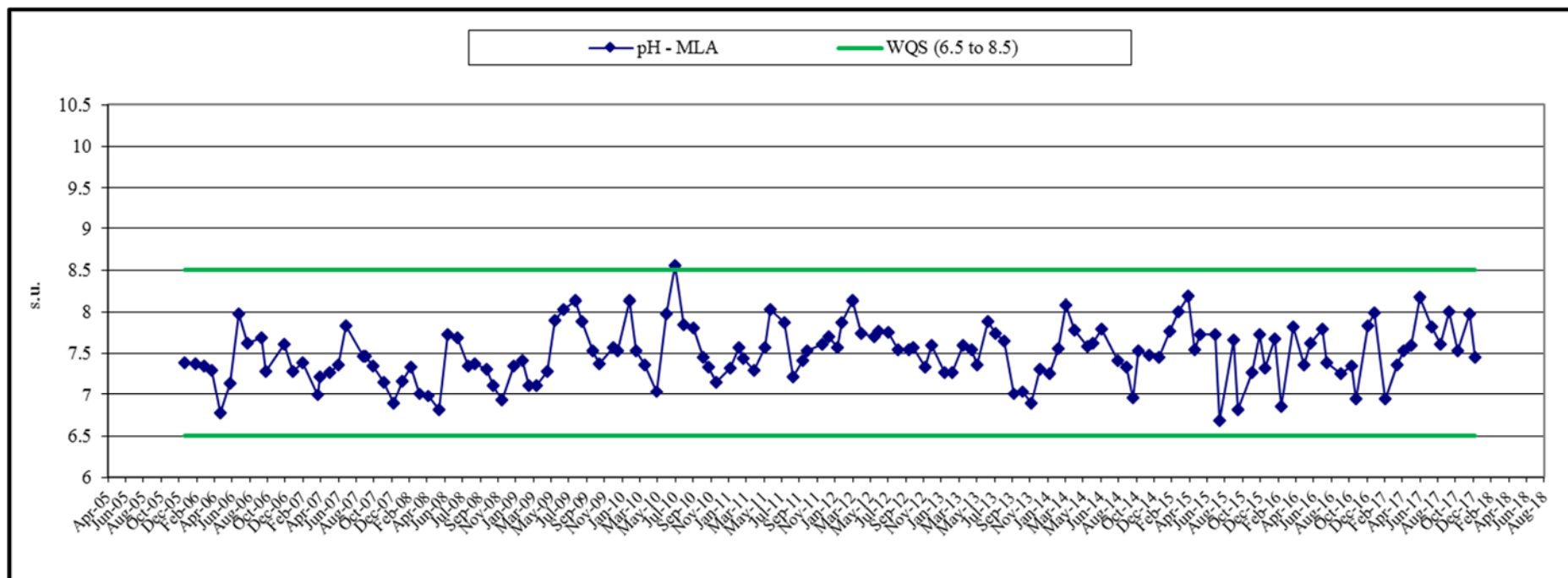


Figure 9a: Slate Creek (MLA) Monitoring Results 2006-2017, Field Parameters

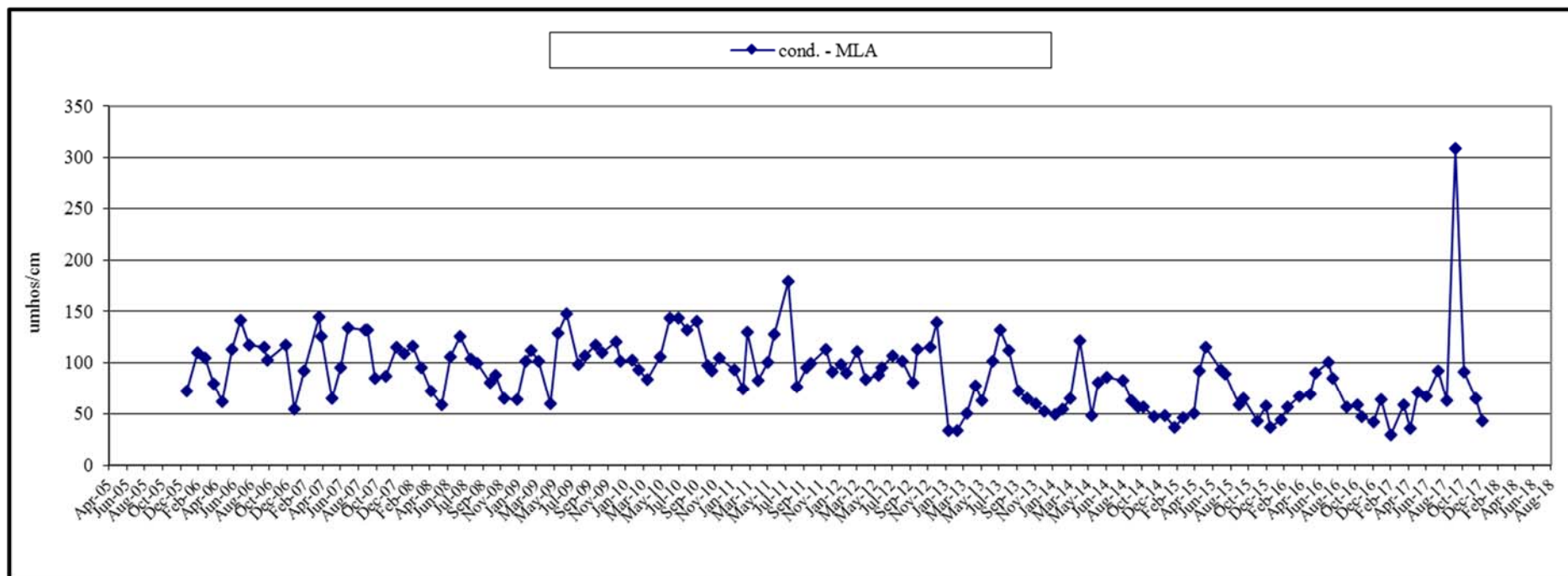


Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry

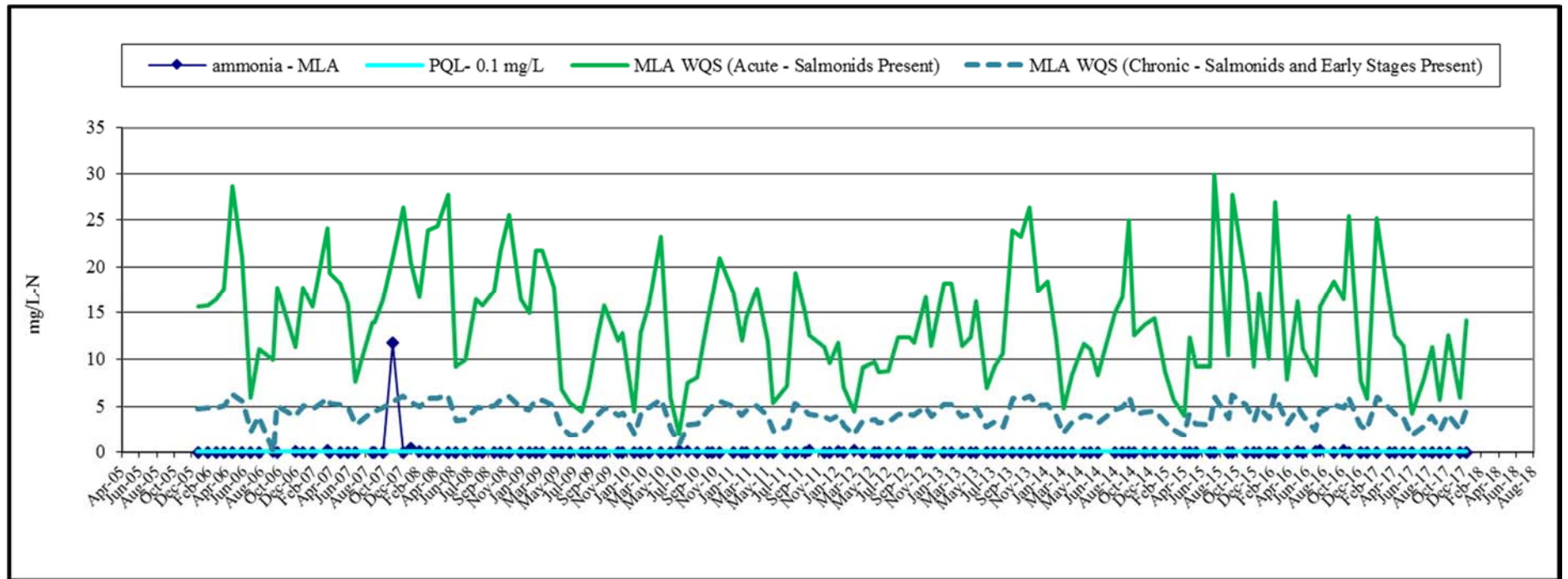
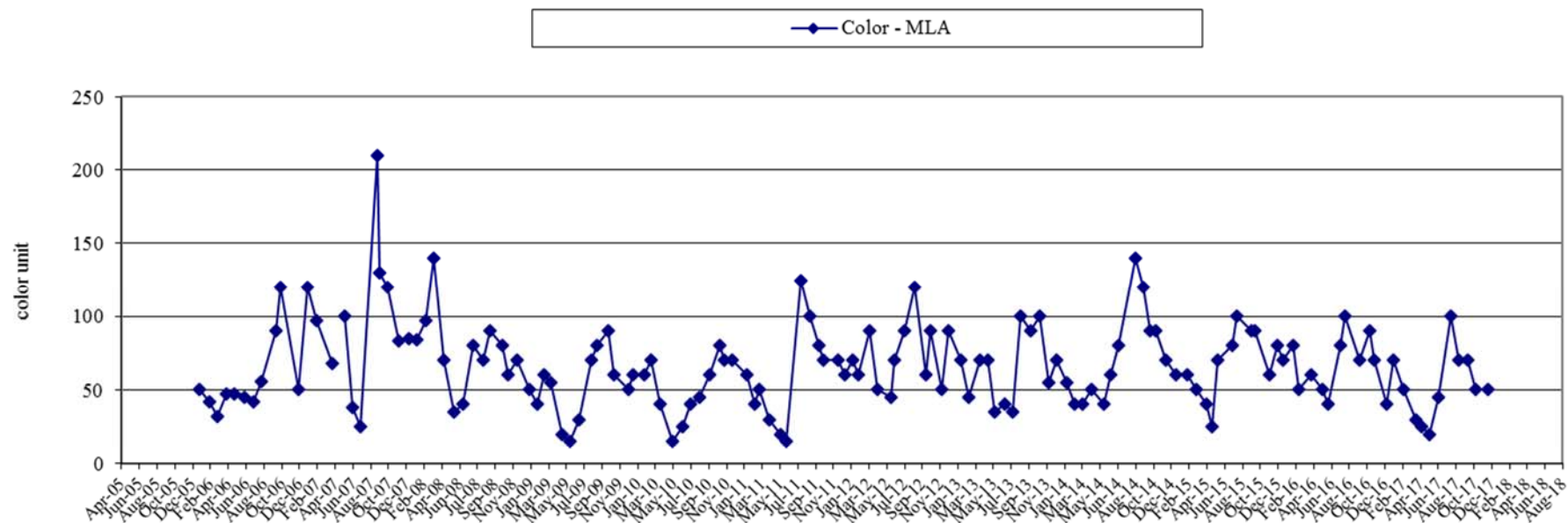


Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry



Note: MLA is the background station used for calculating color standards at SMP-5, SLB and SLC. Therefore, no criteria is set for MLA.

Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry

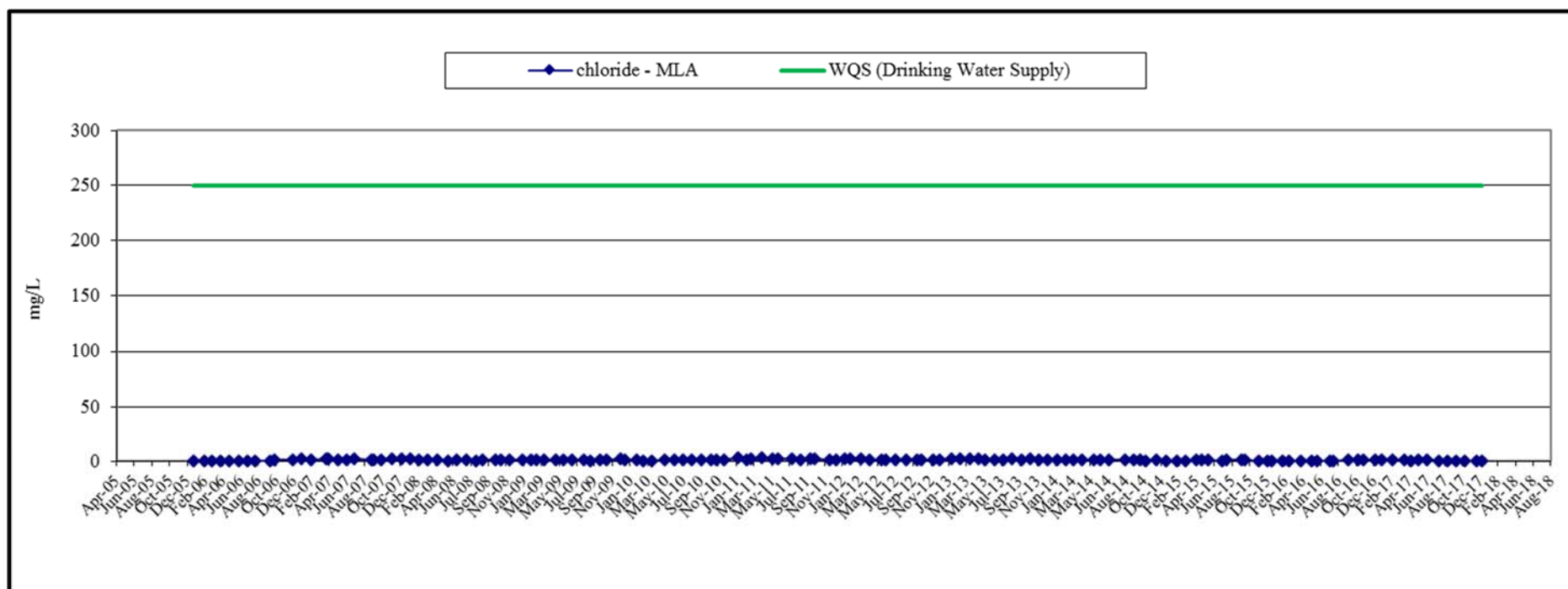


Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry

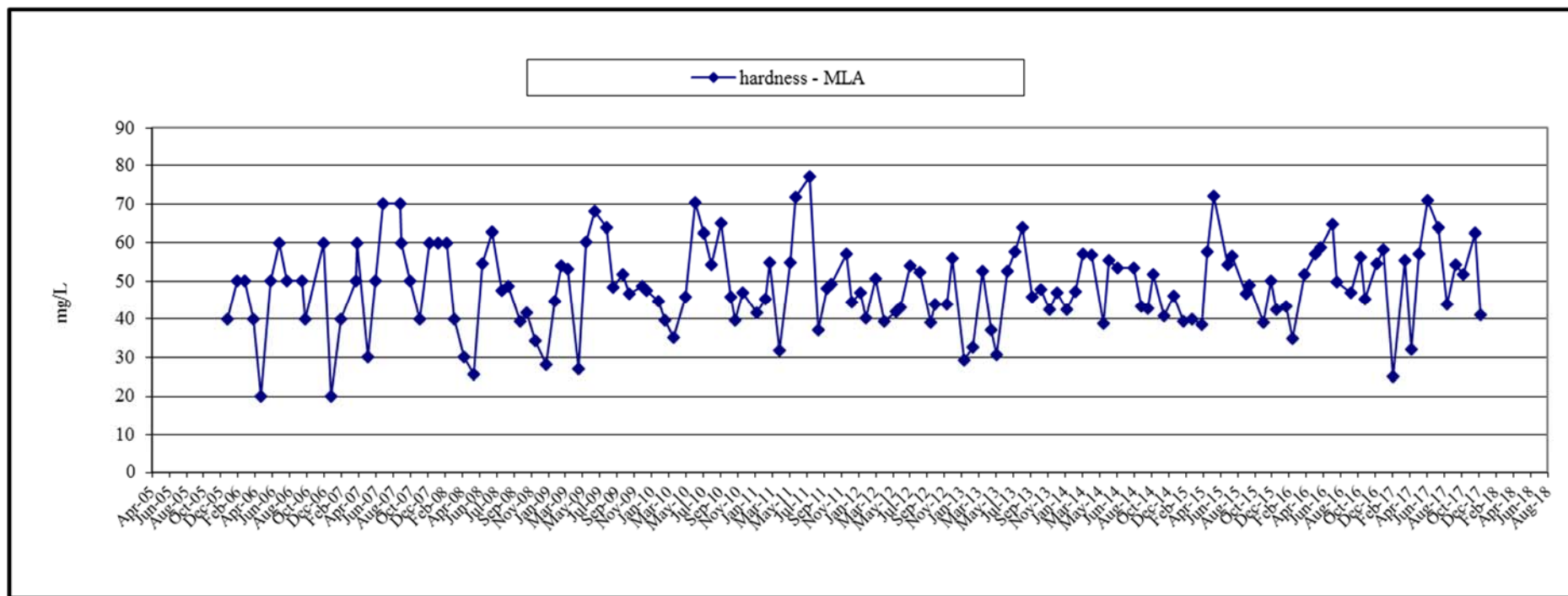


Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry

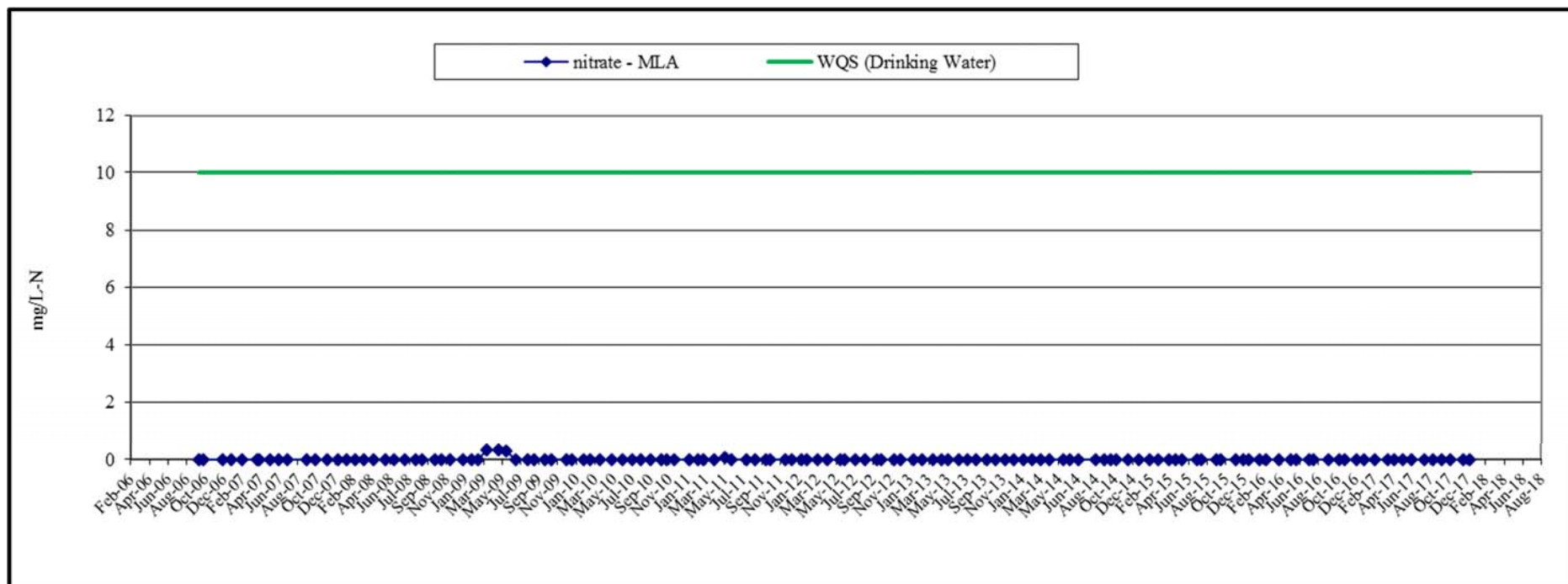


Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry

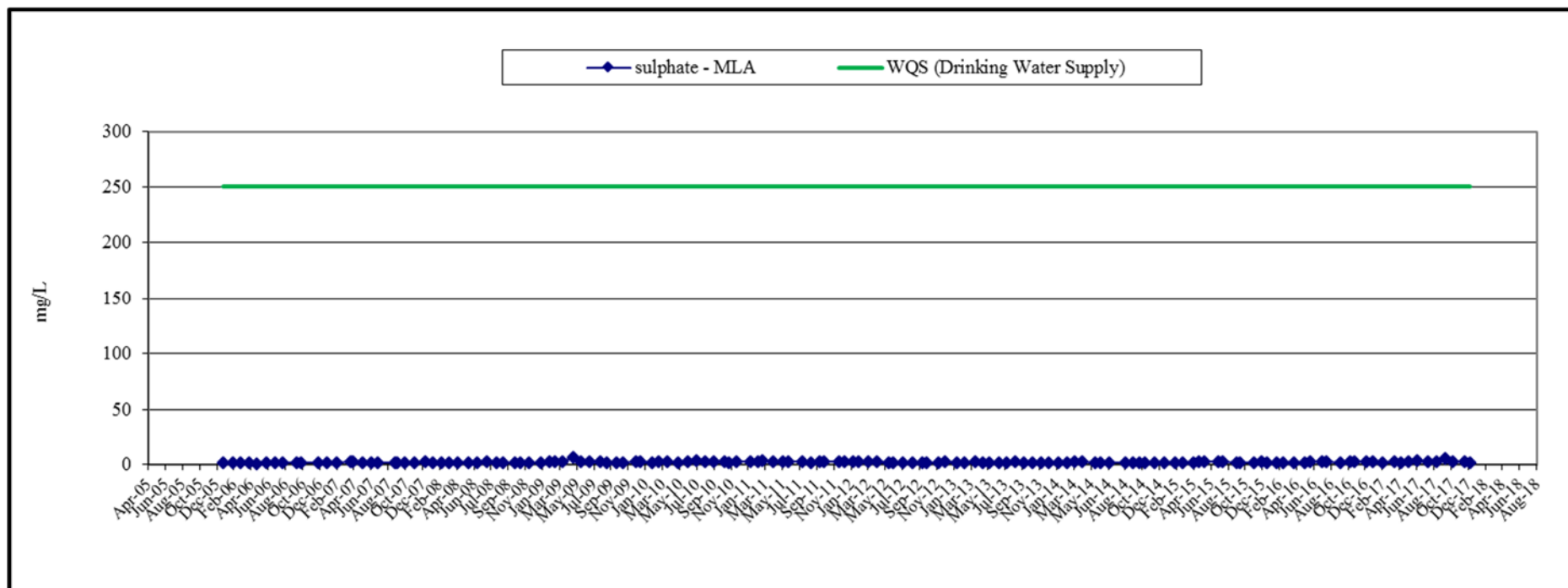


Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry

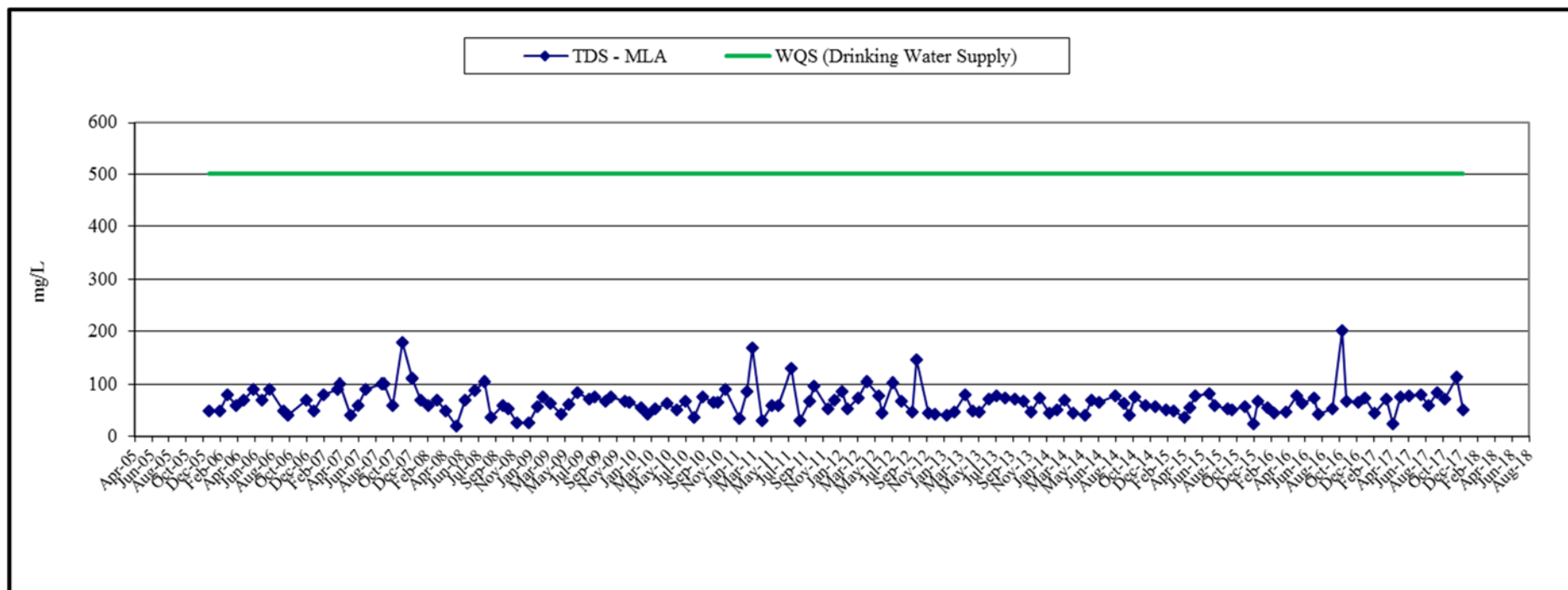


Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry

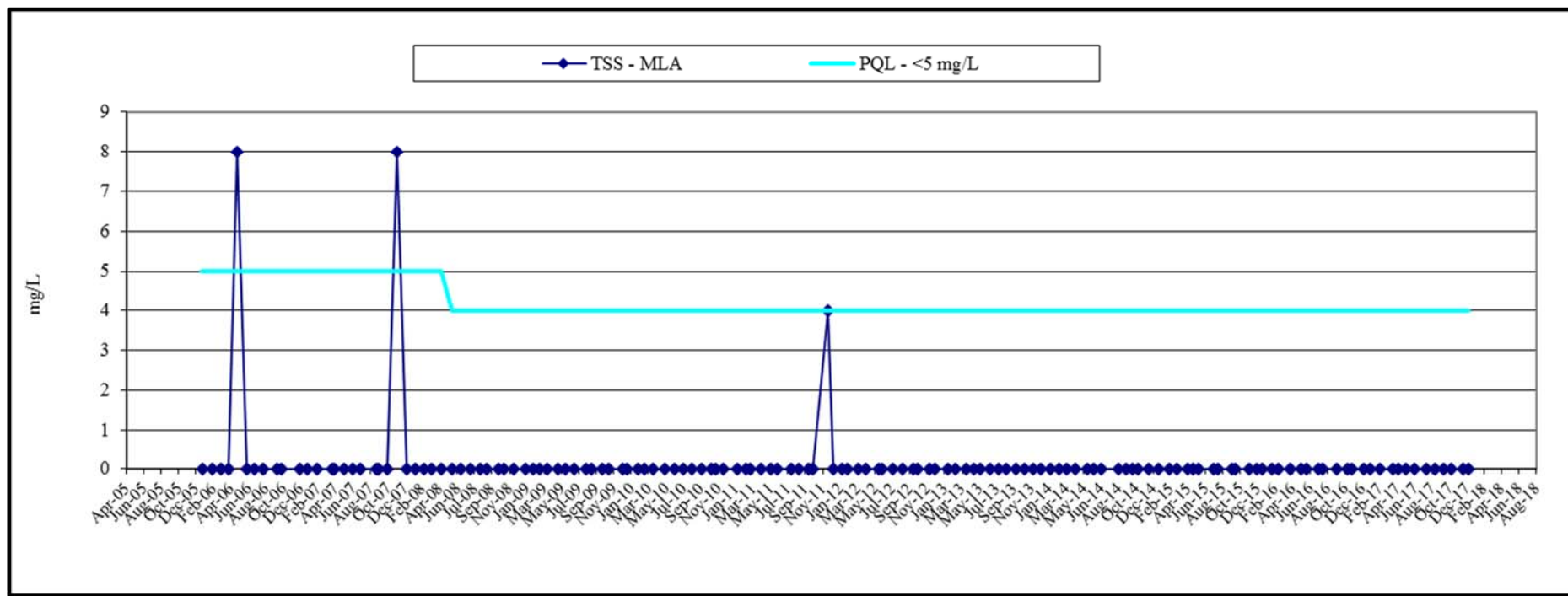


Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry

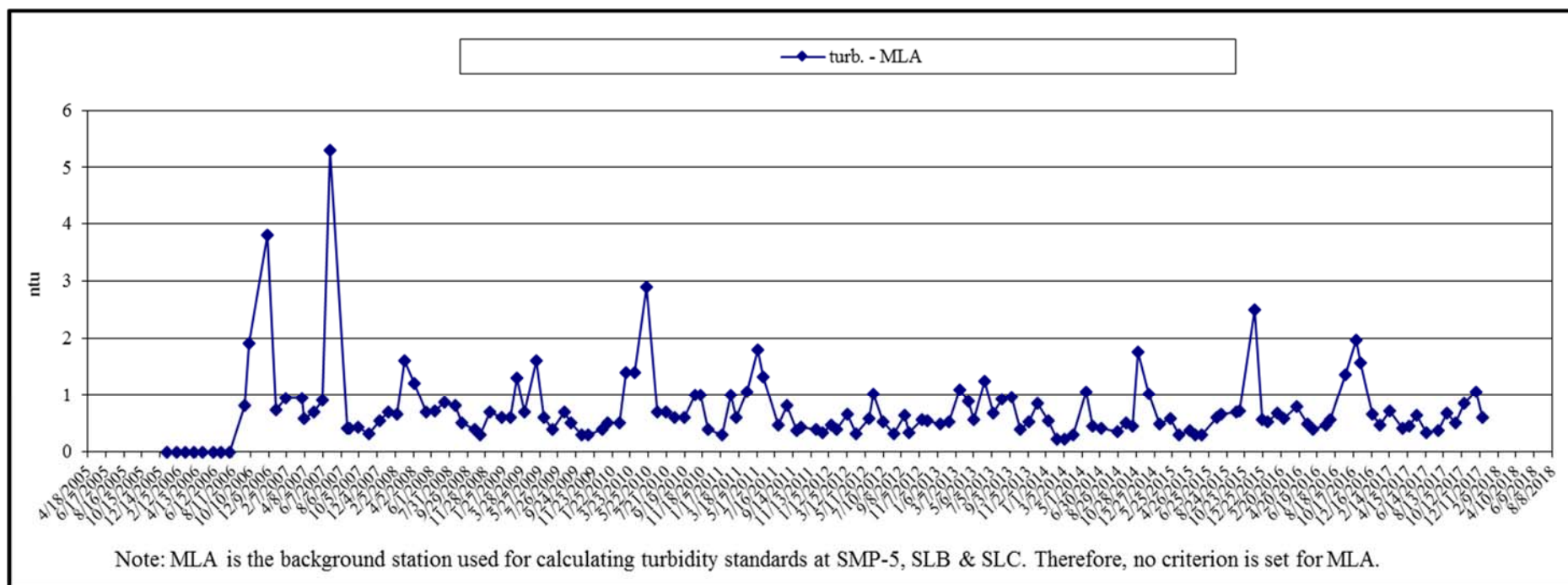


Figure 9b: Slate Creek (MLA) Monitoring Results 2006-2017, Major Chemistry

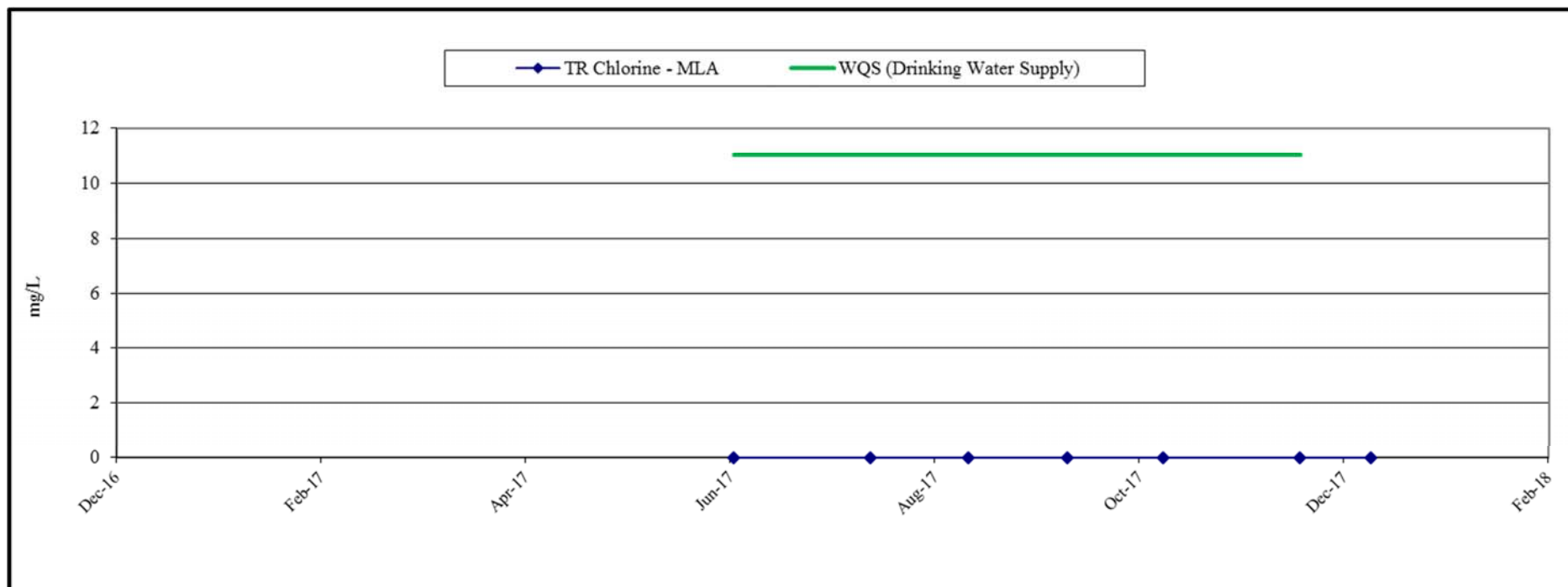


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

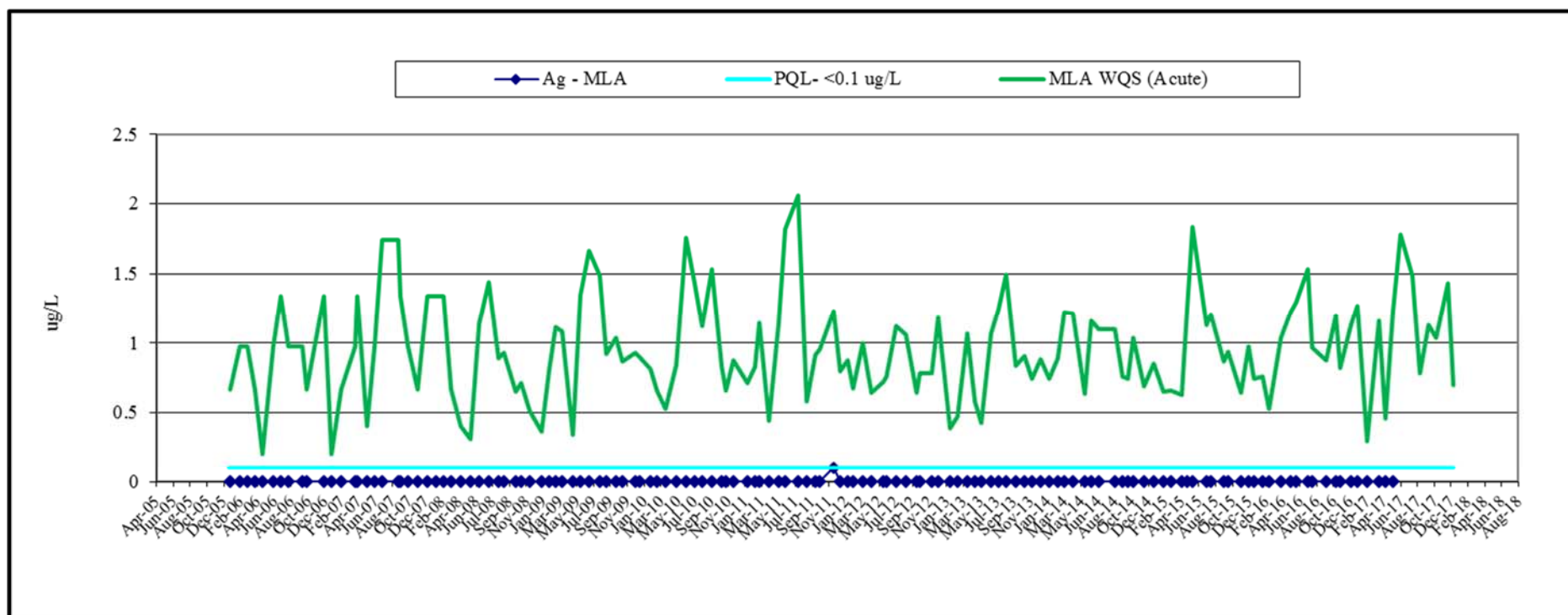


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

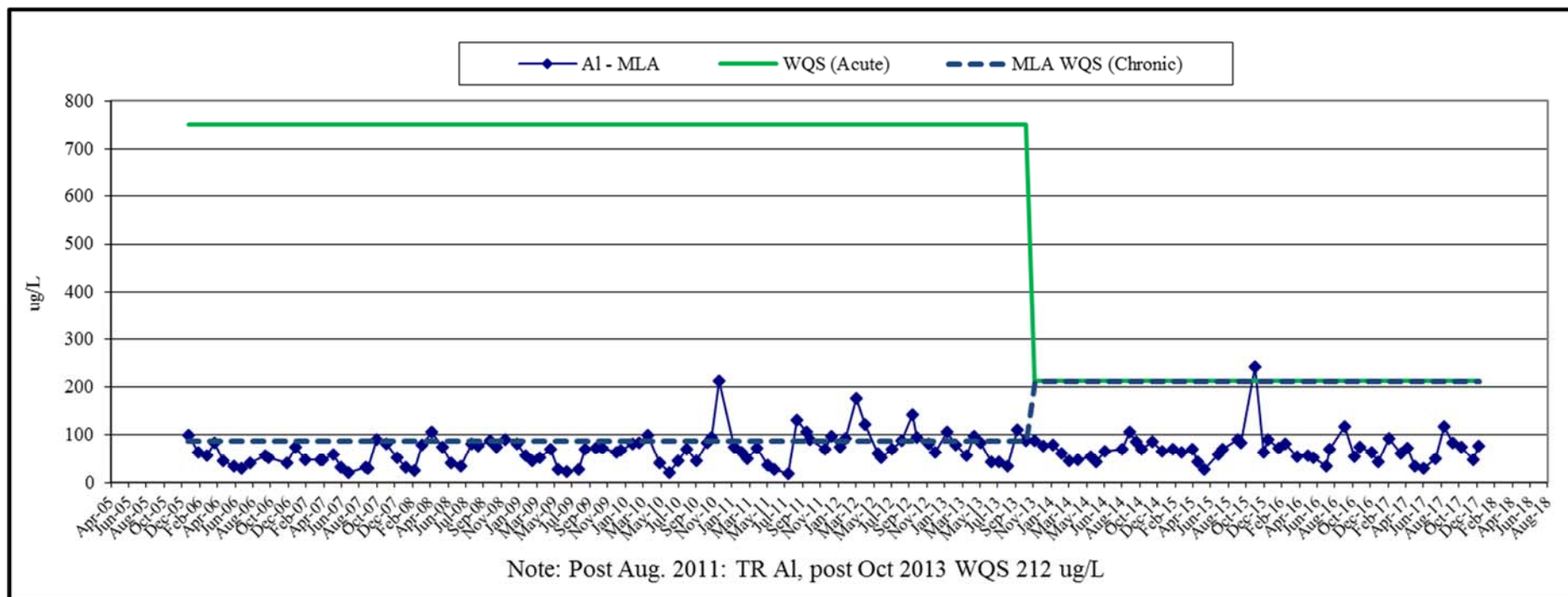


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

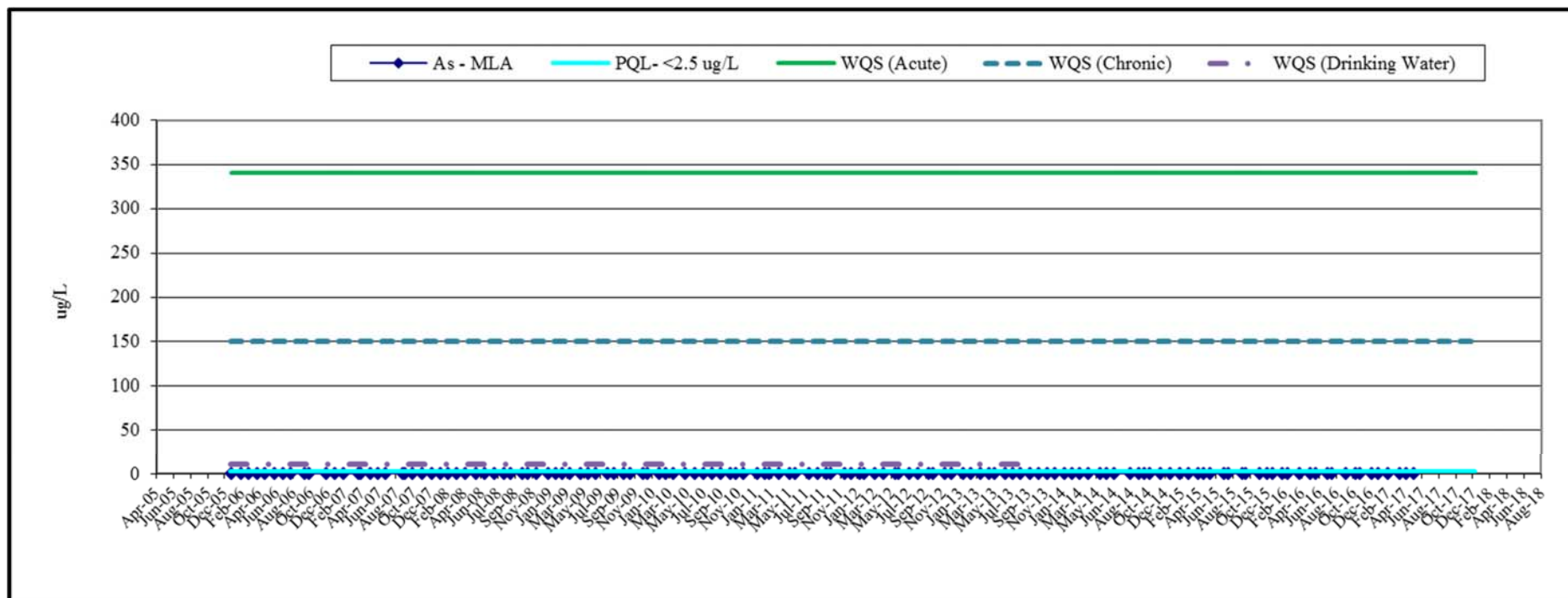


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

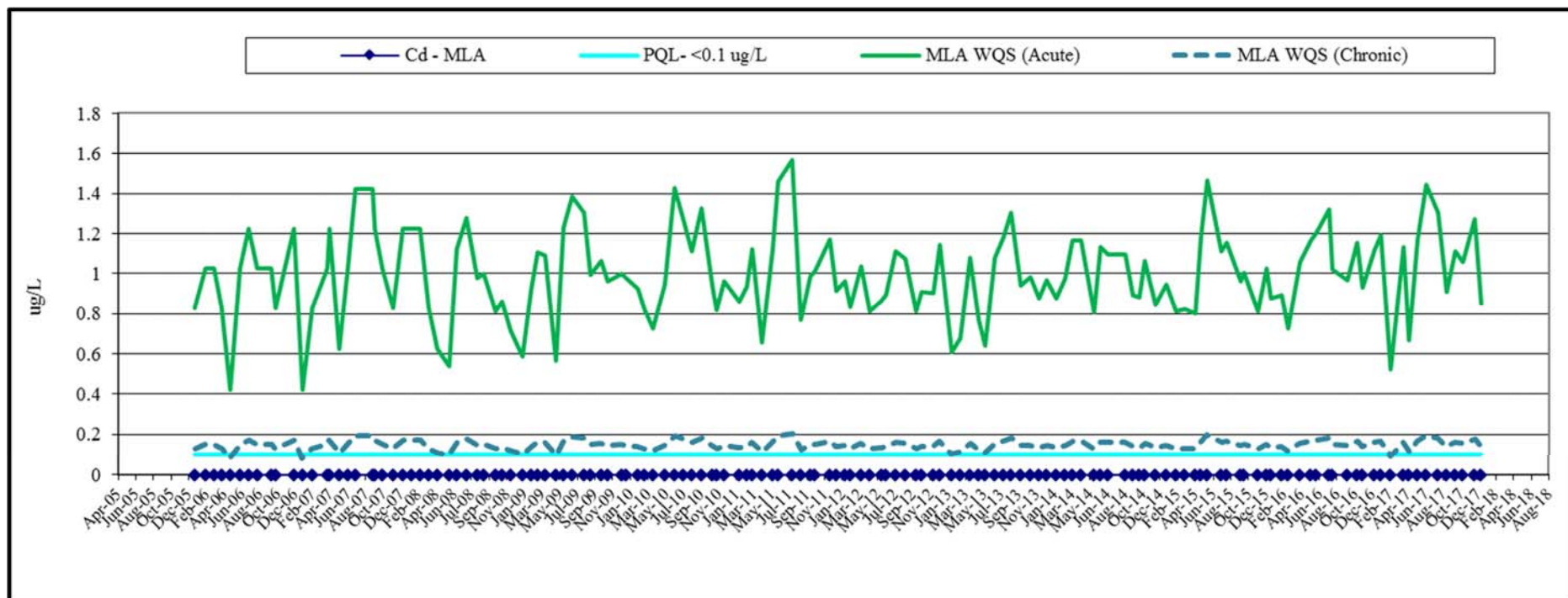


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

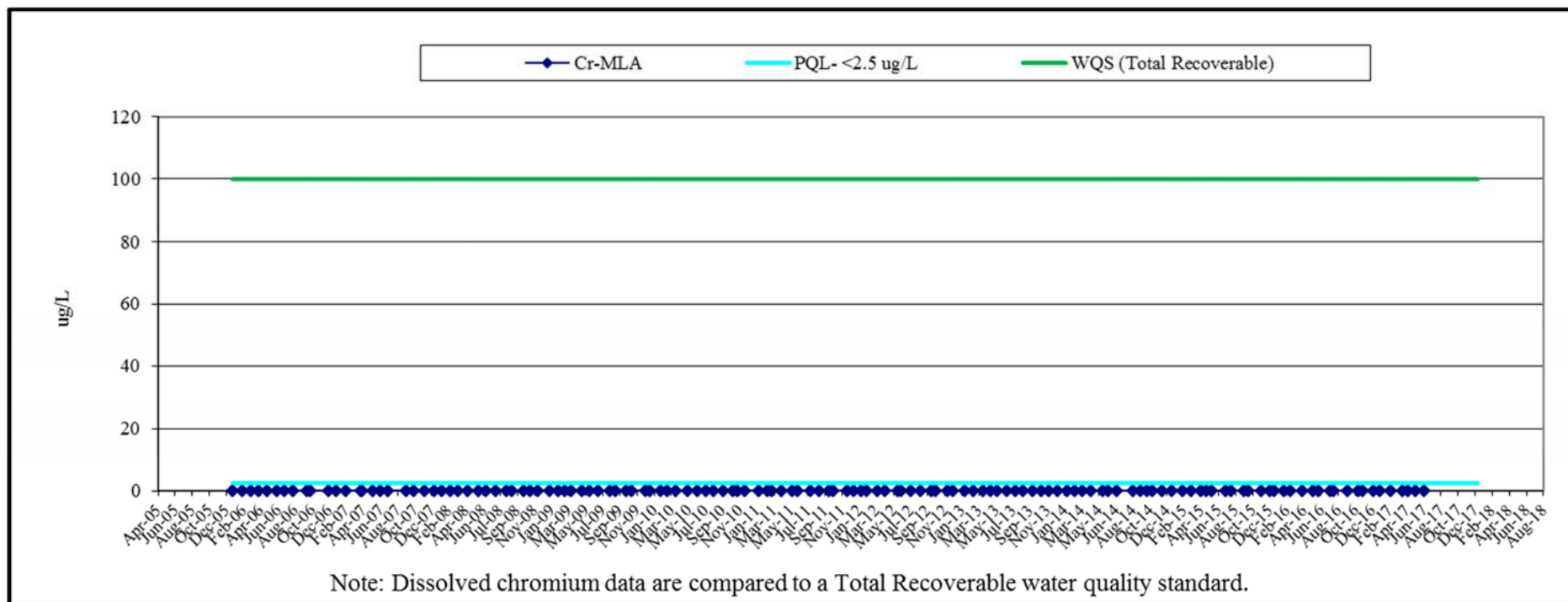


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

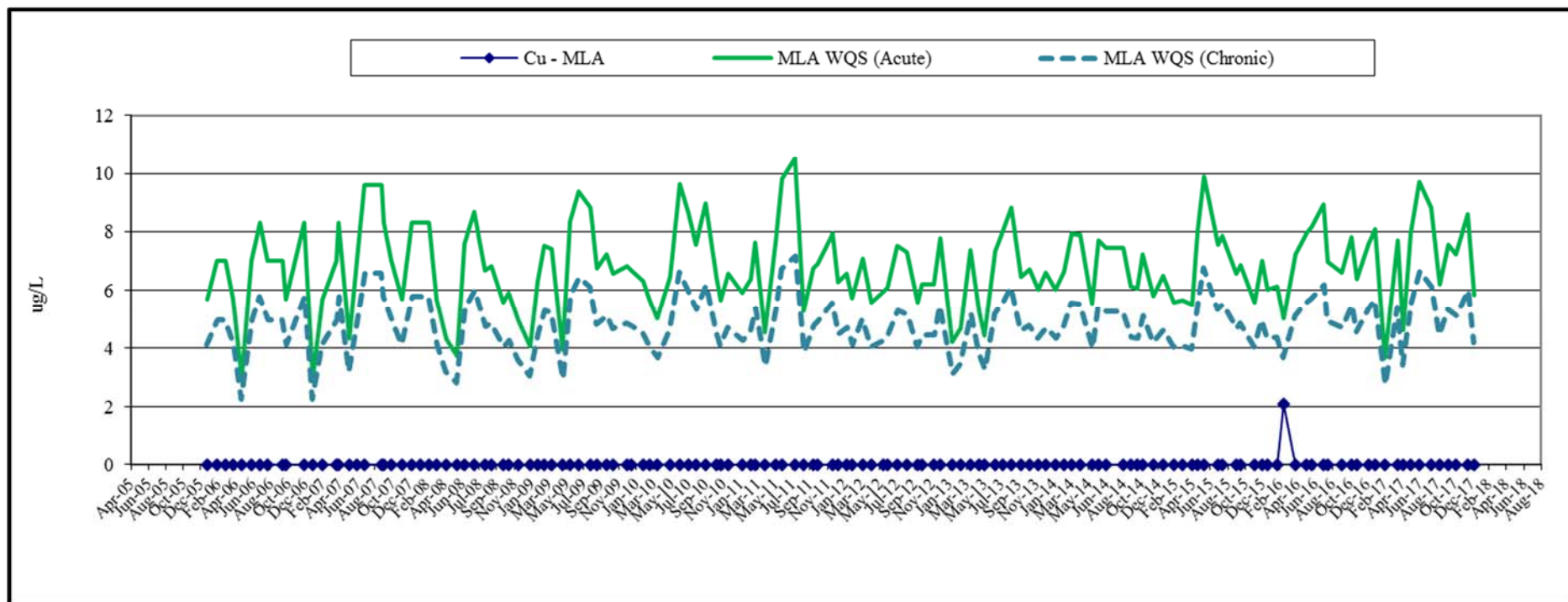


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

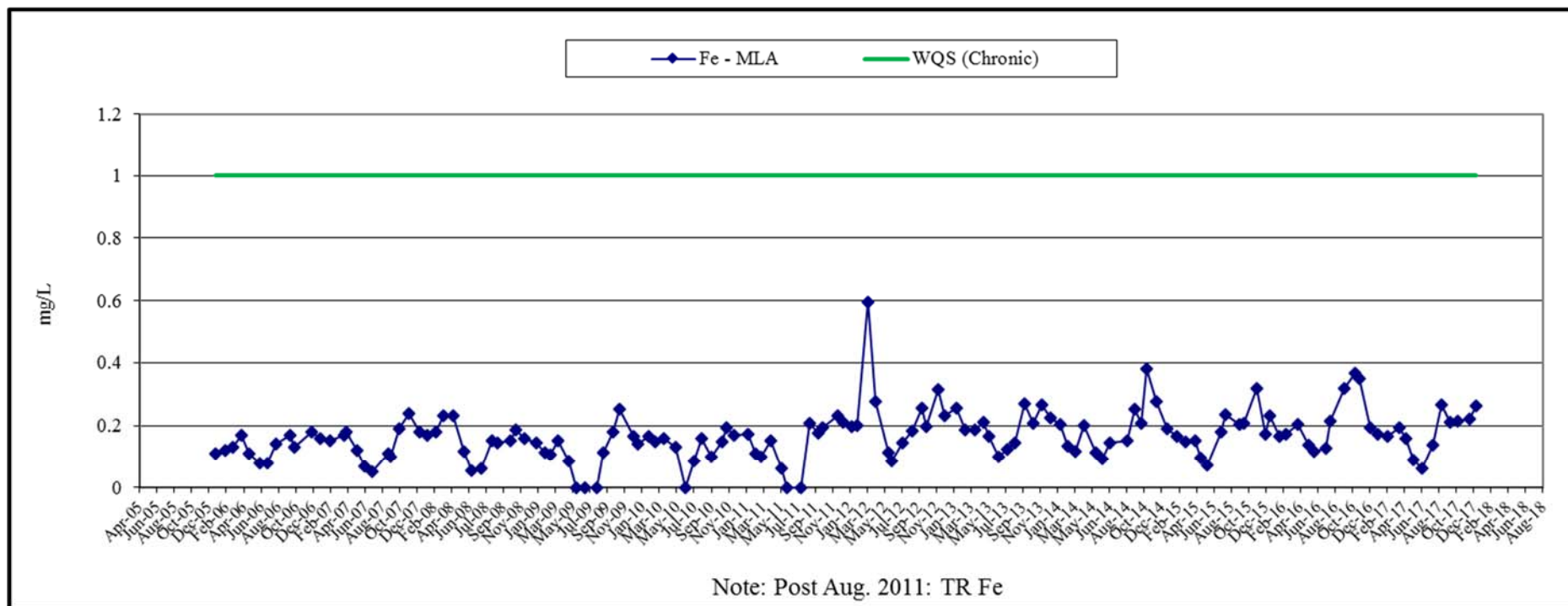


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

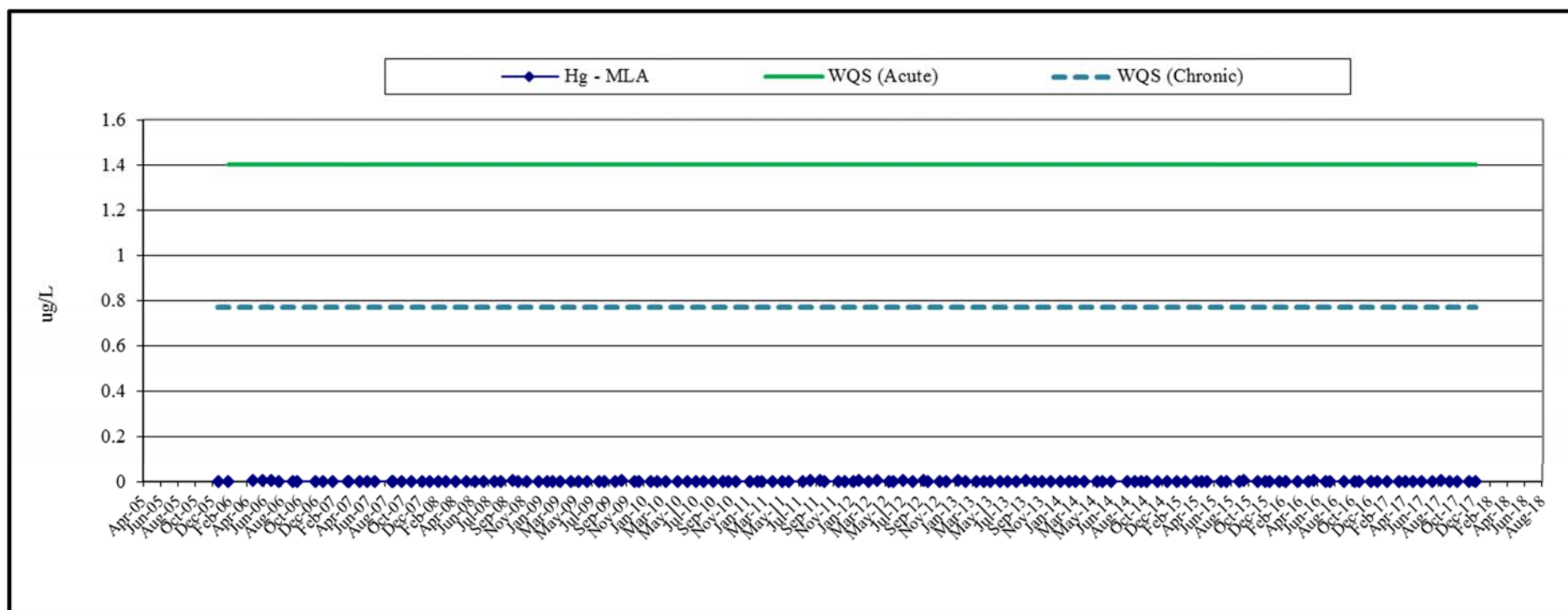


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

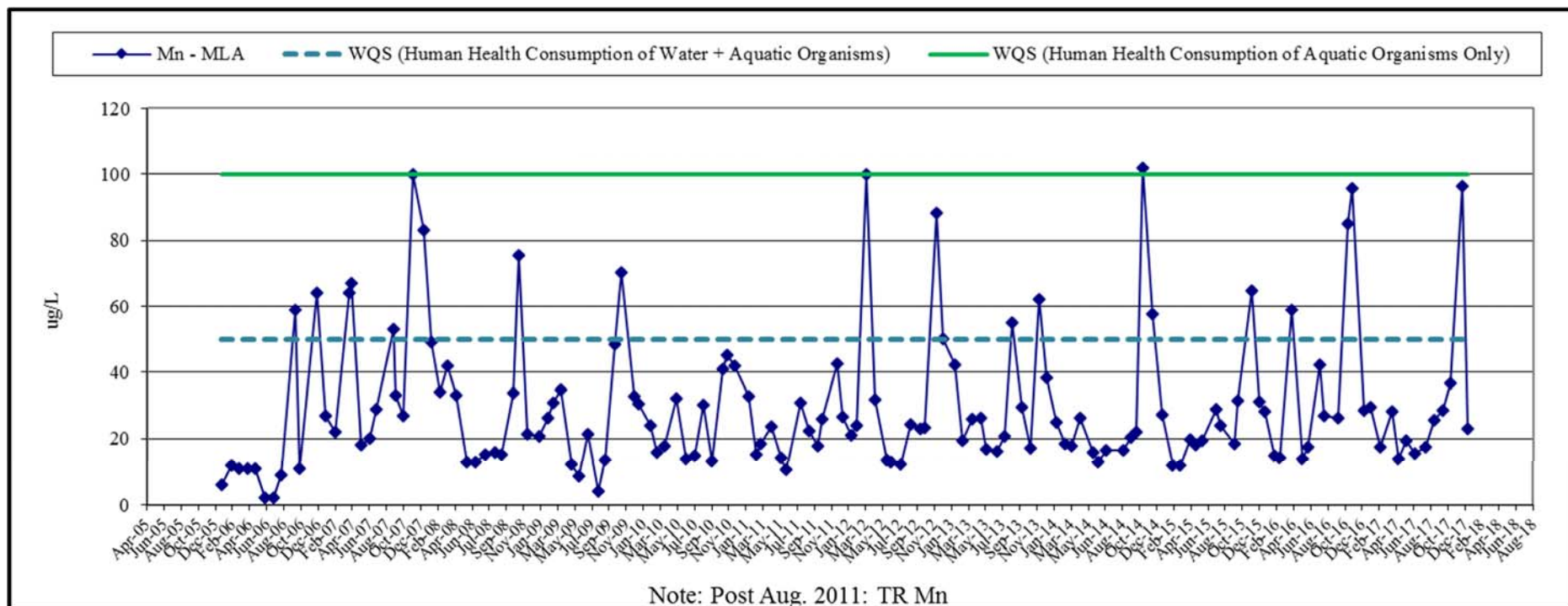


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

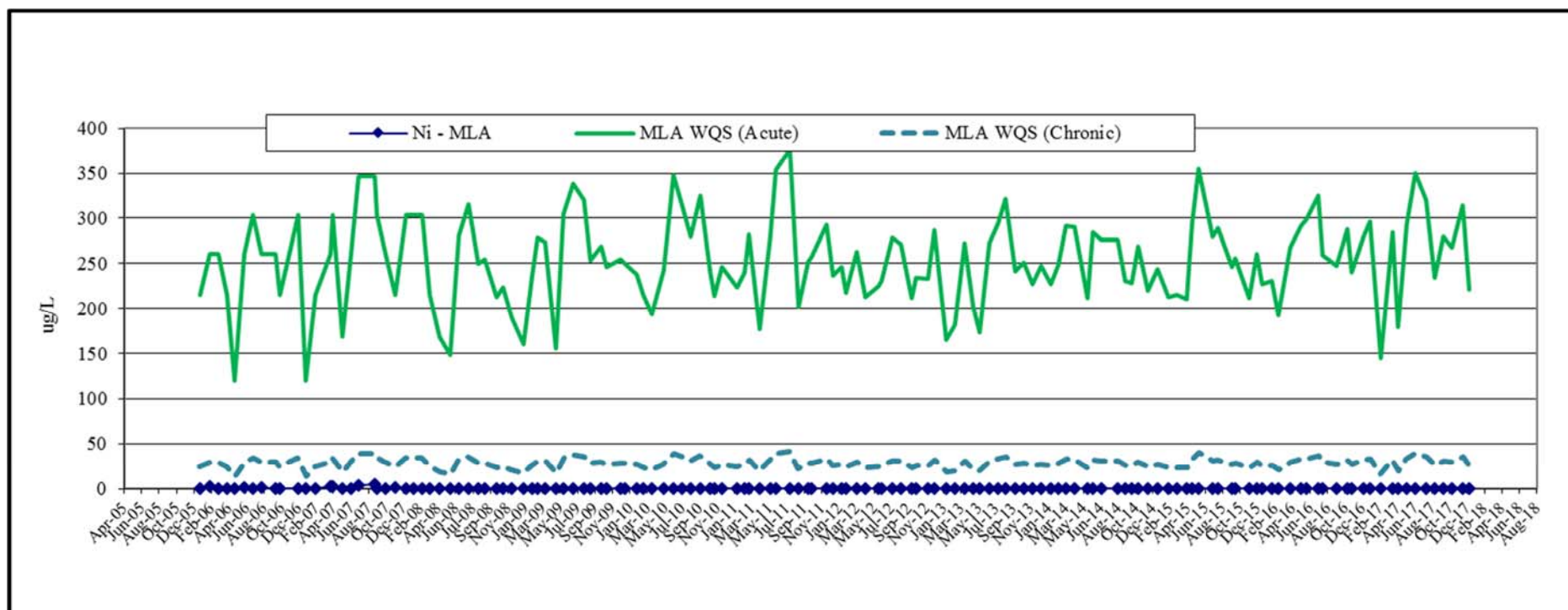


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

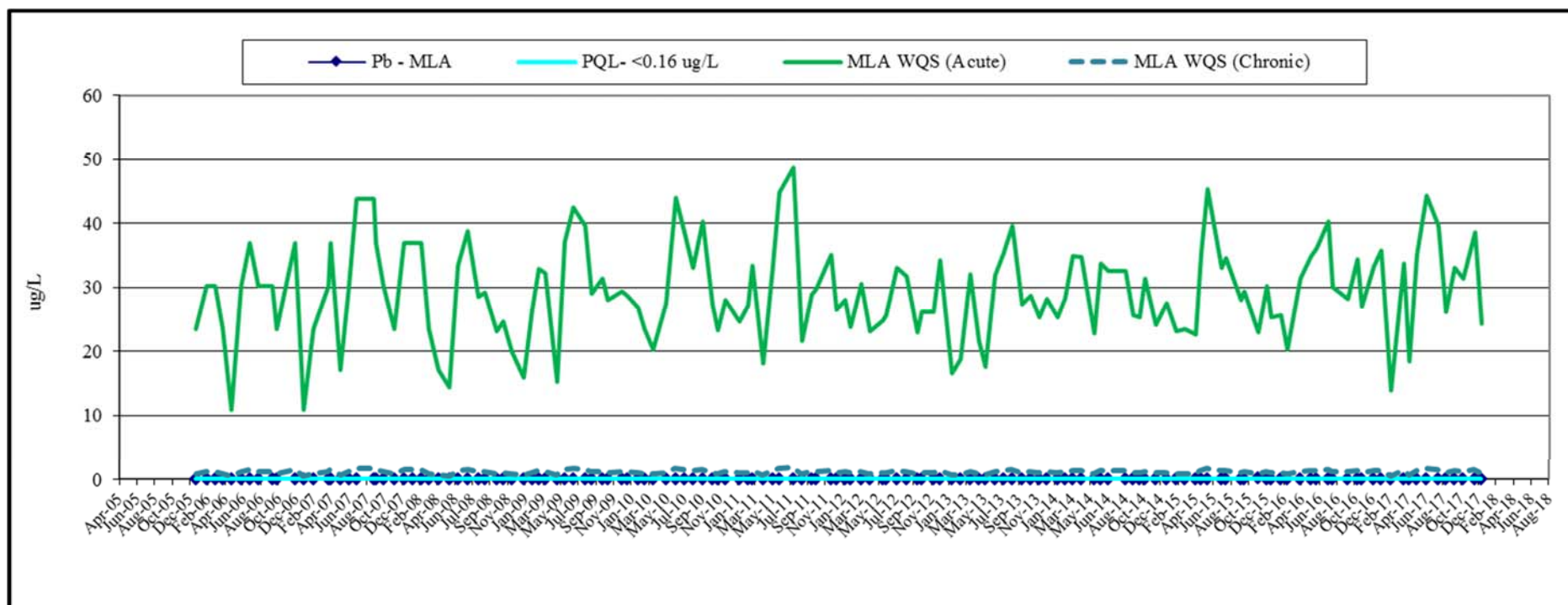


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

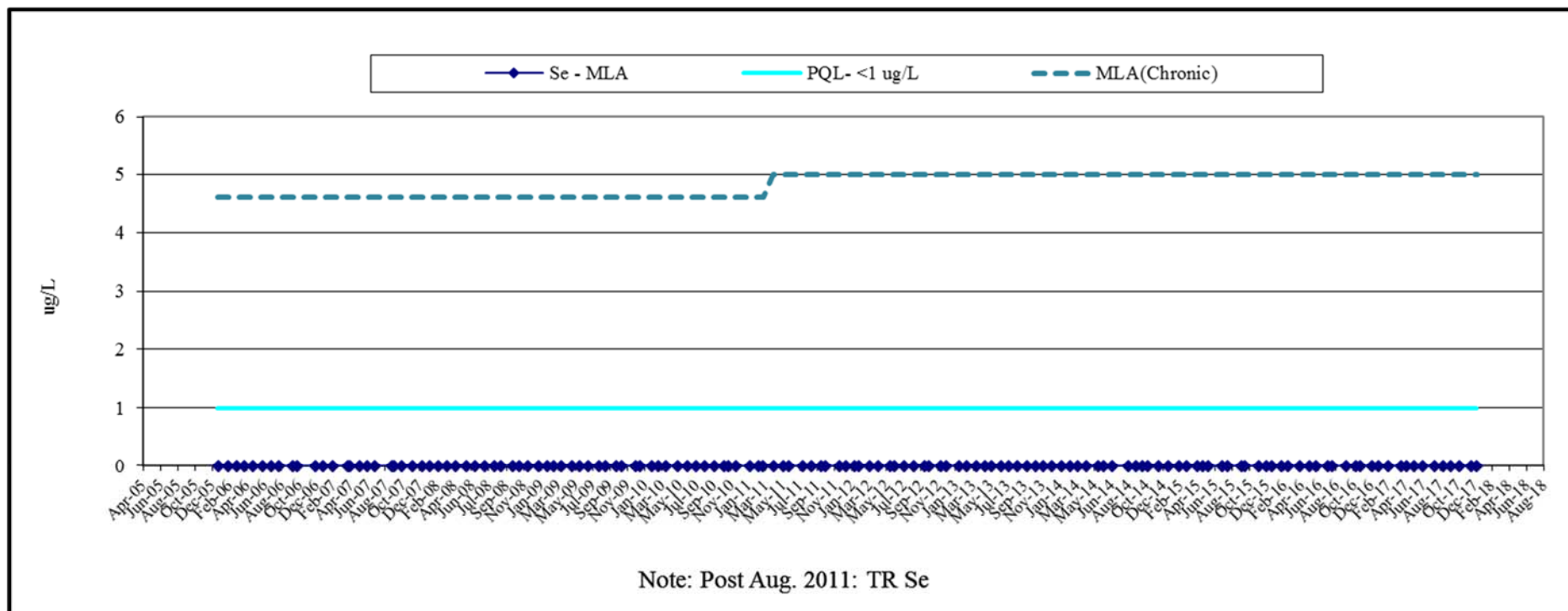


Figure 9c: Slate Creek (MLA) Monitoring Results 2006-2017, Trace Chemistry

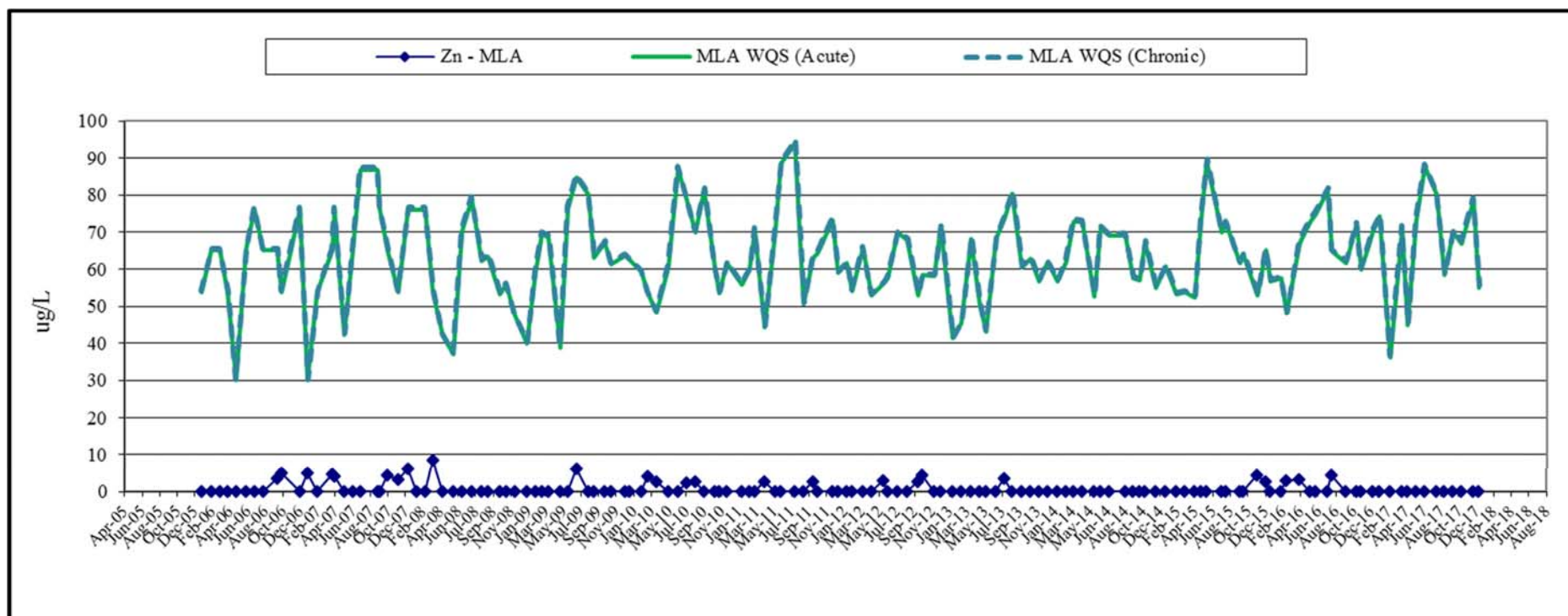


Figure 10a: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Field Parameters

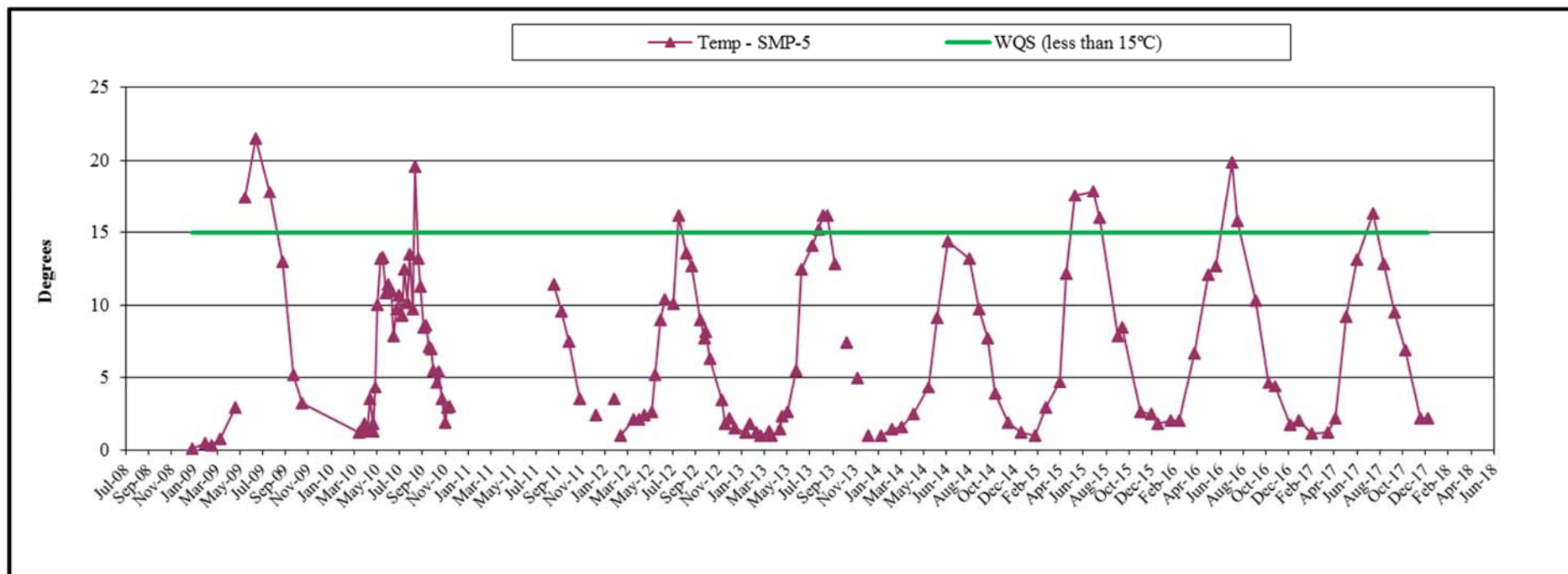


Figure 10a: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Field Parameters

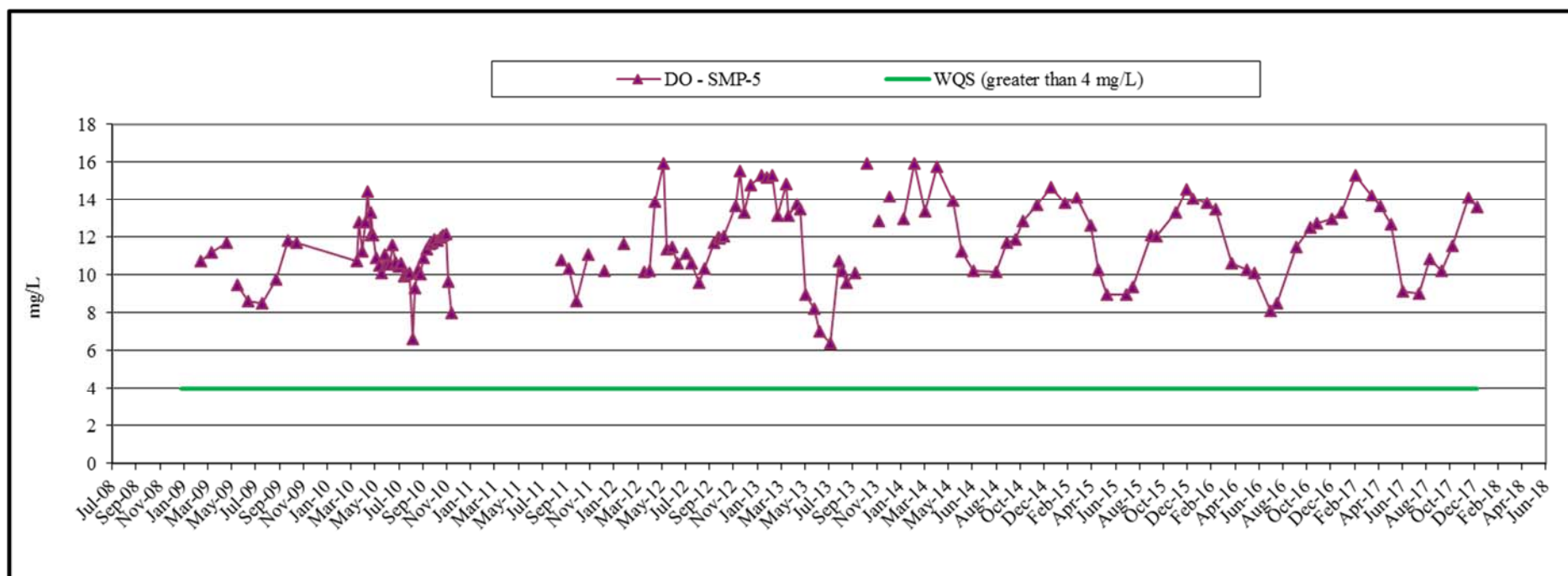


Figure 10a: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Field Parameters

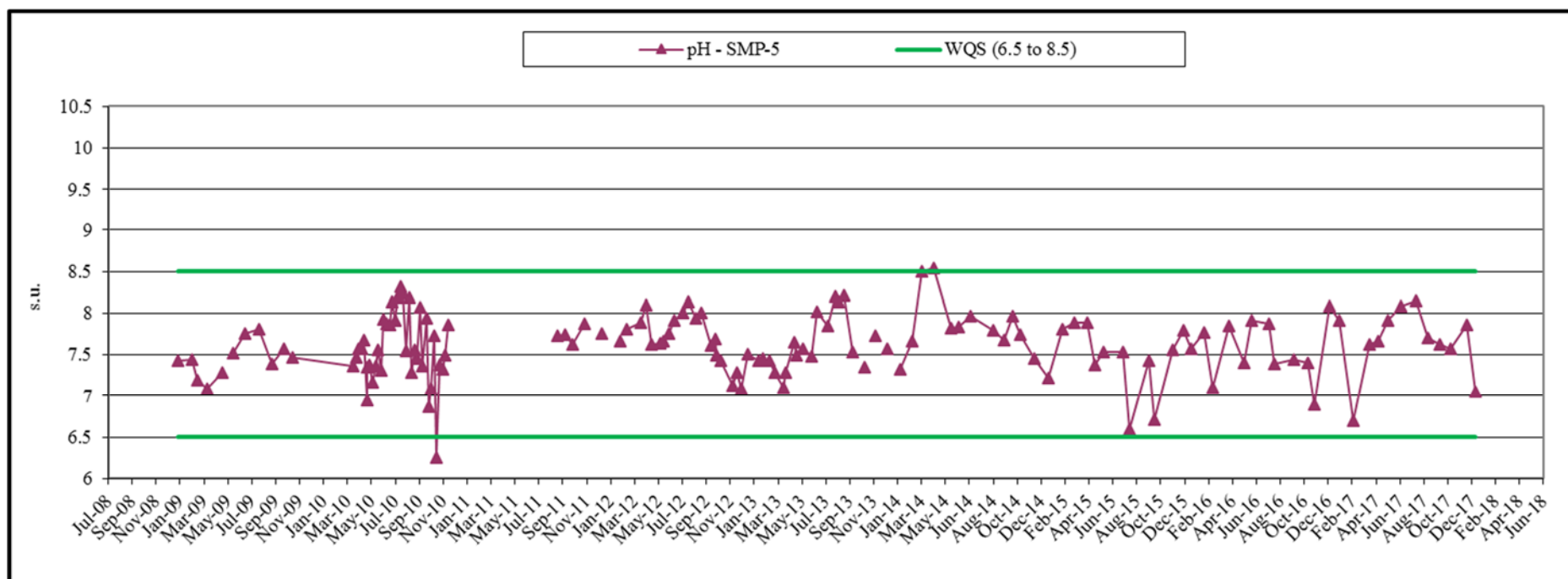


Figure 10a: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Field Parameters

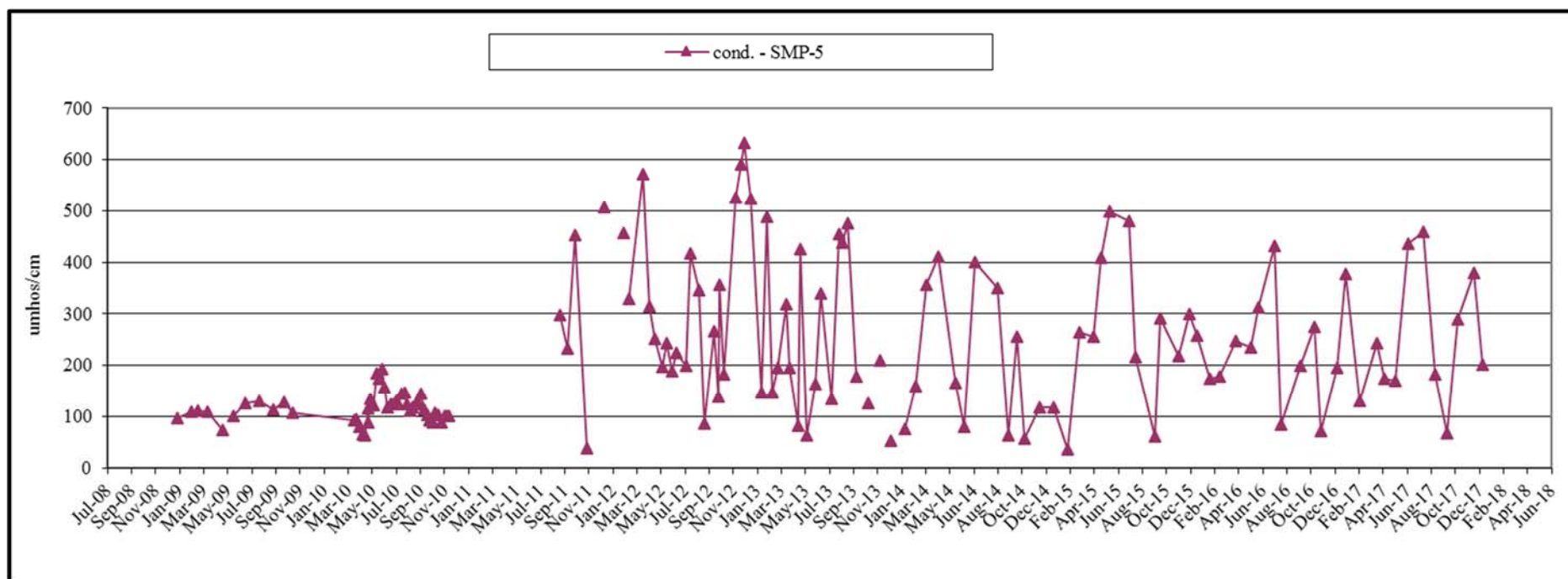


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

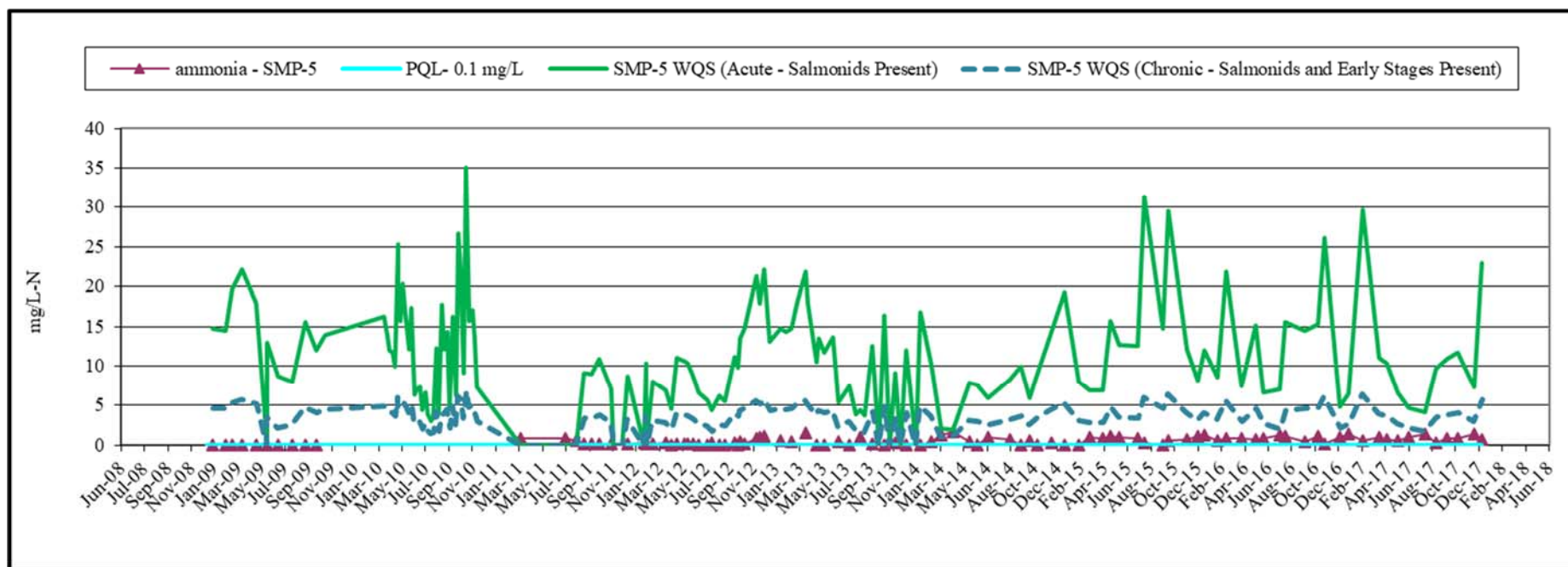


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

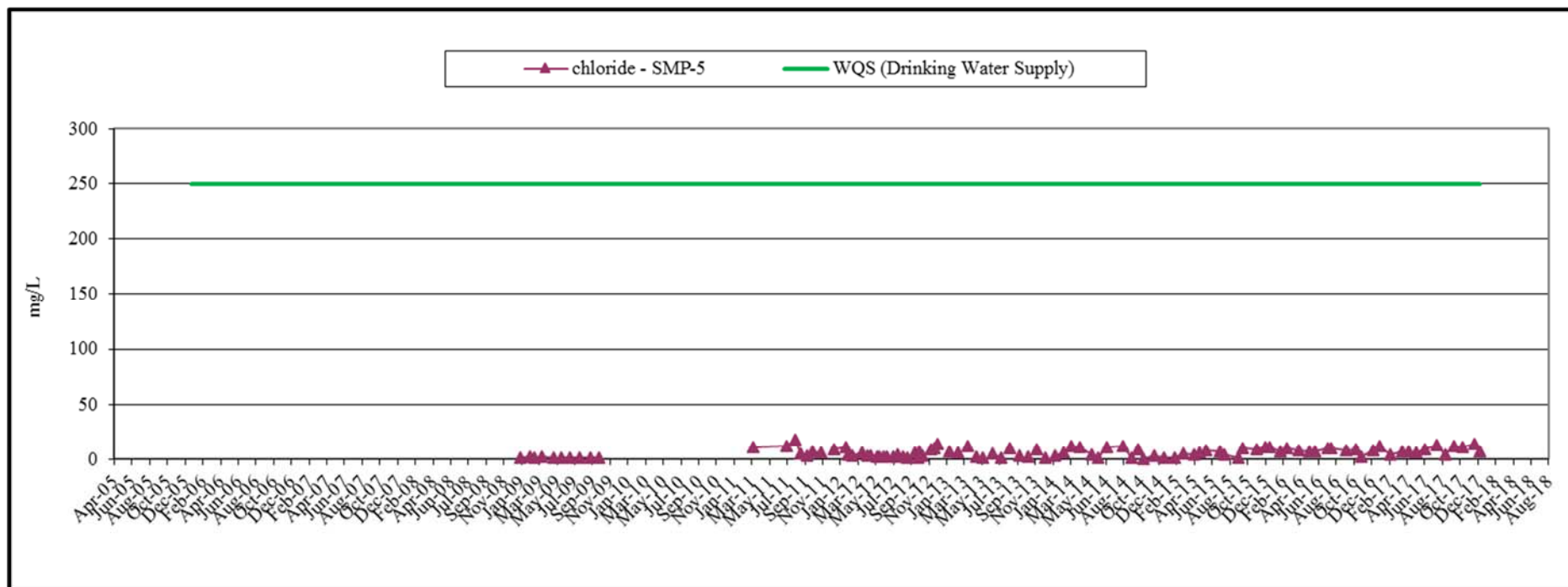


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

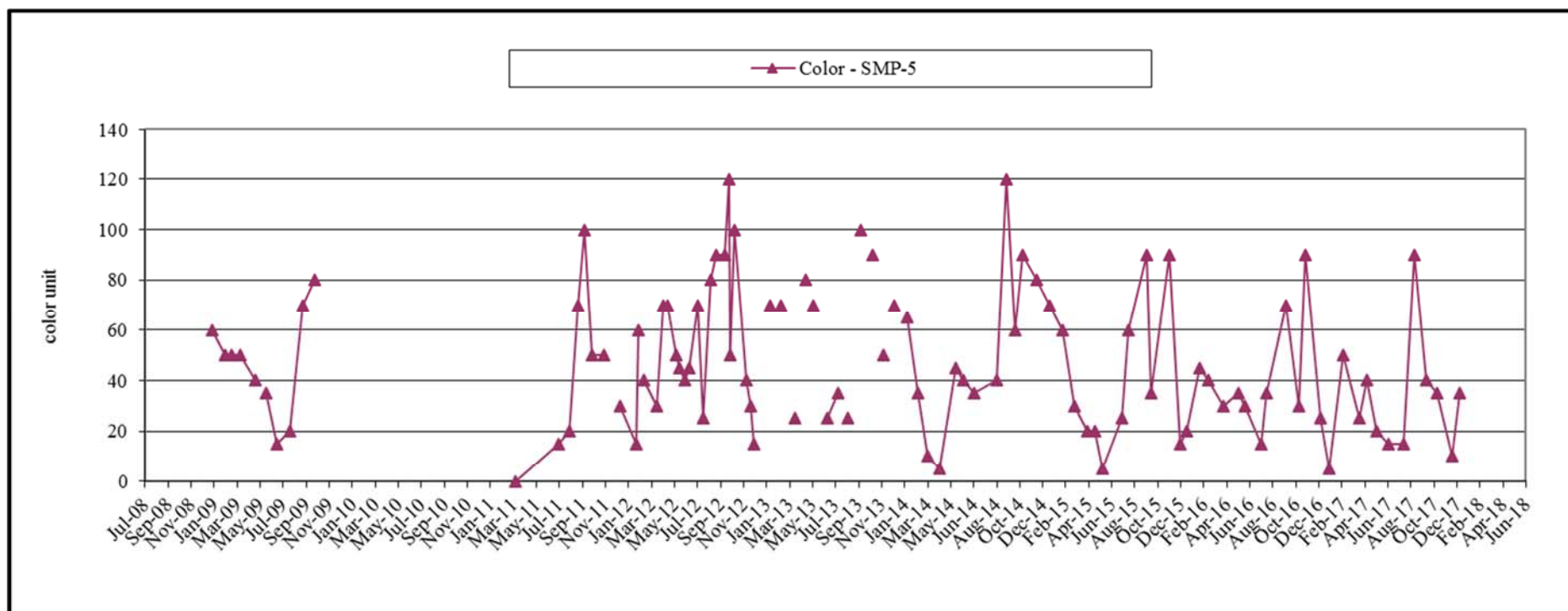


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

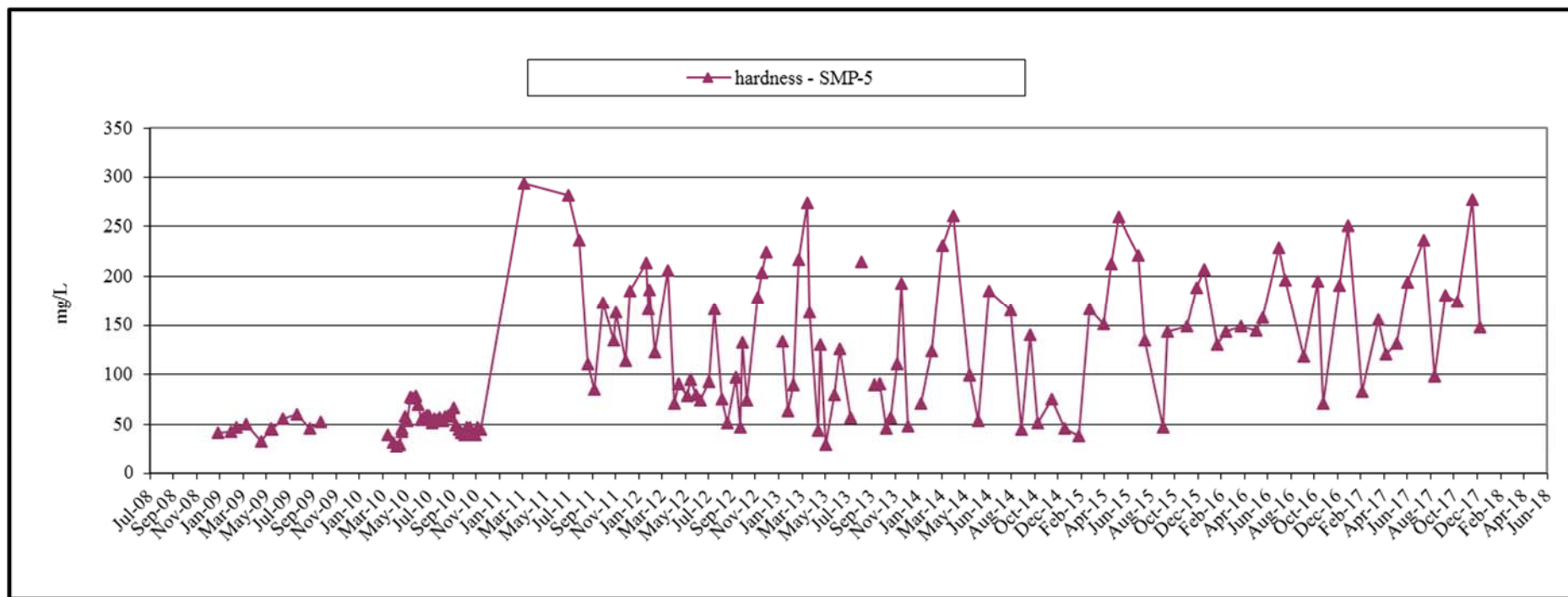


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

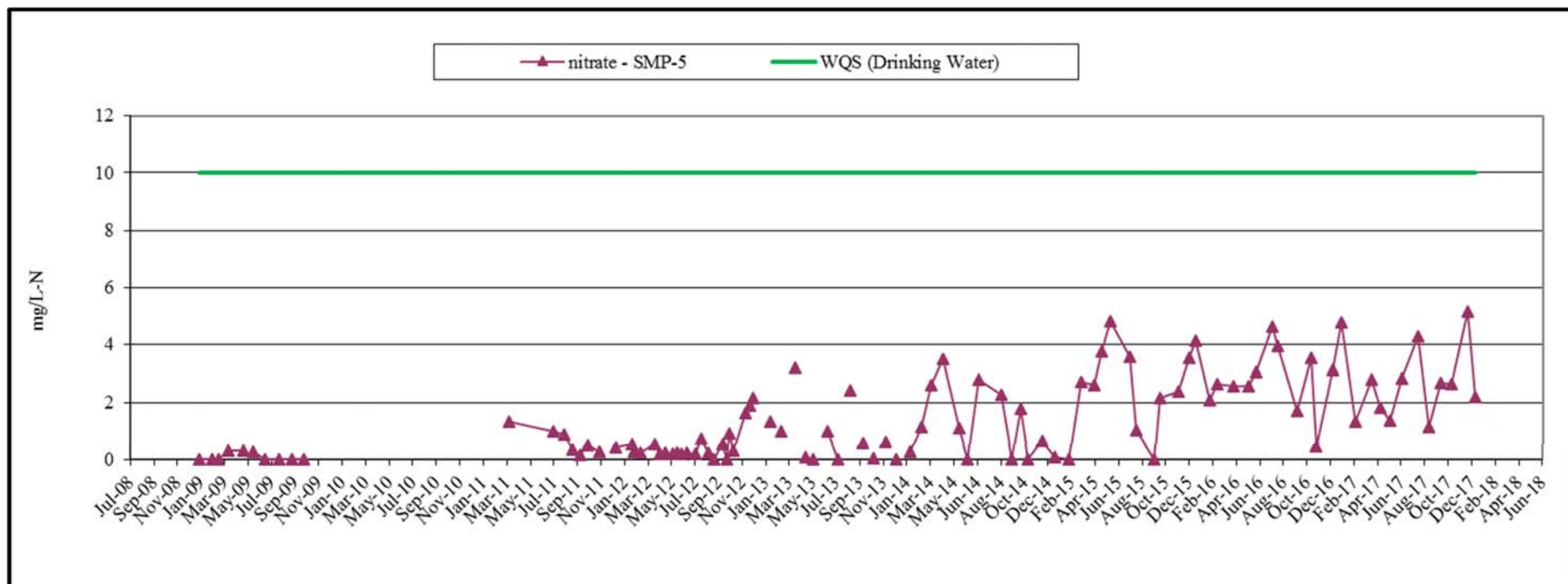


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

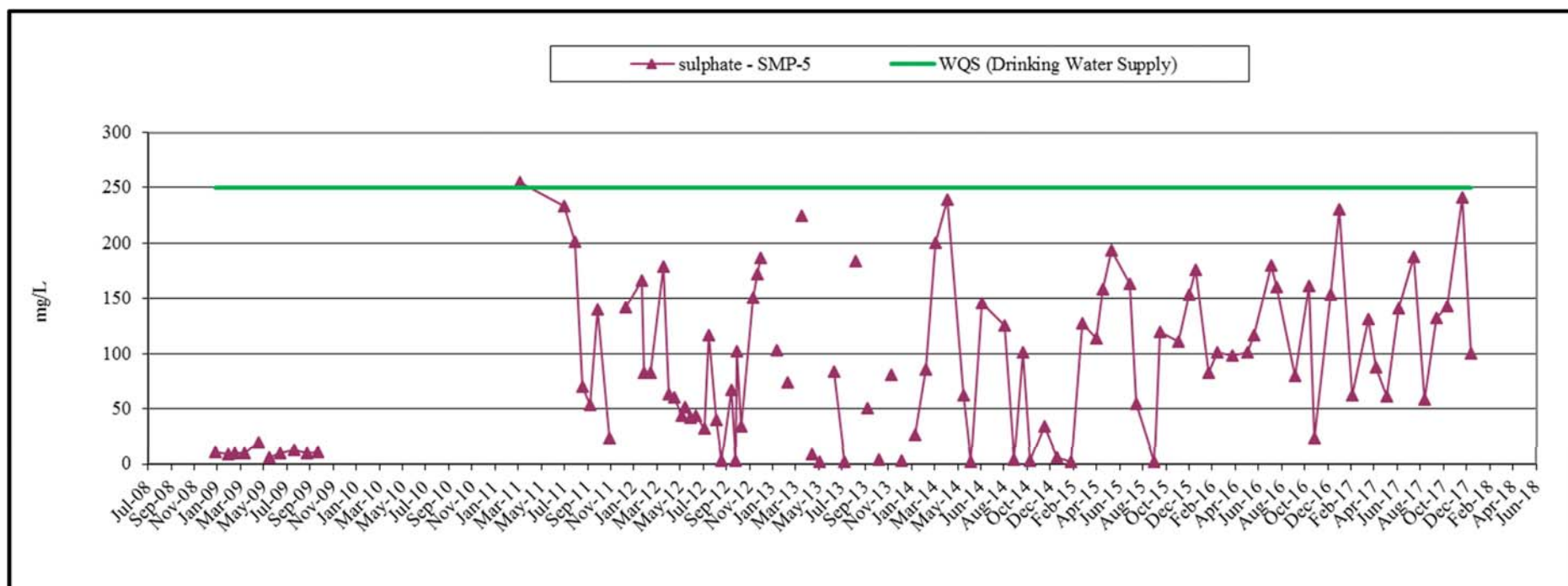


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

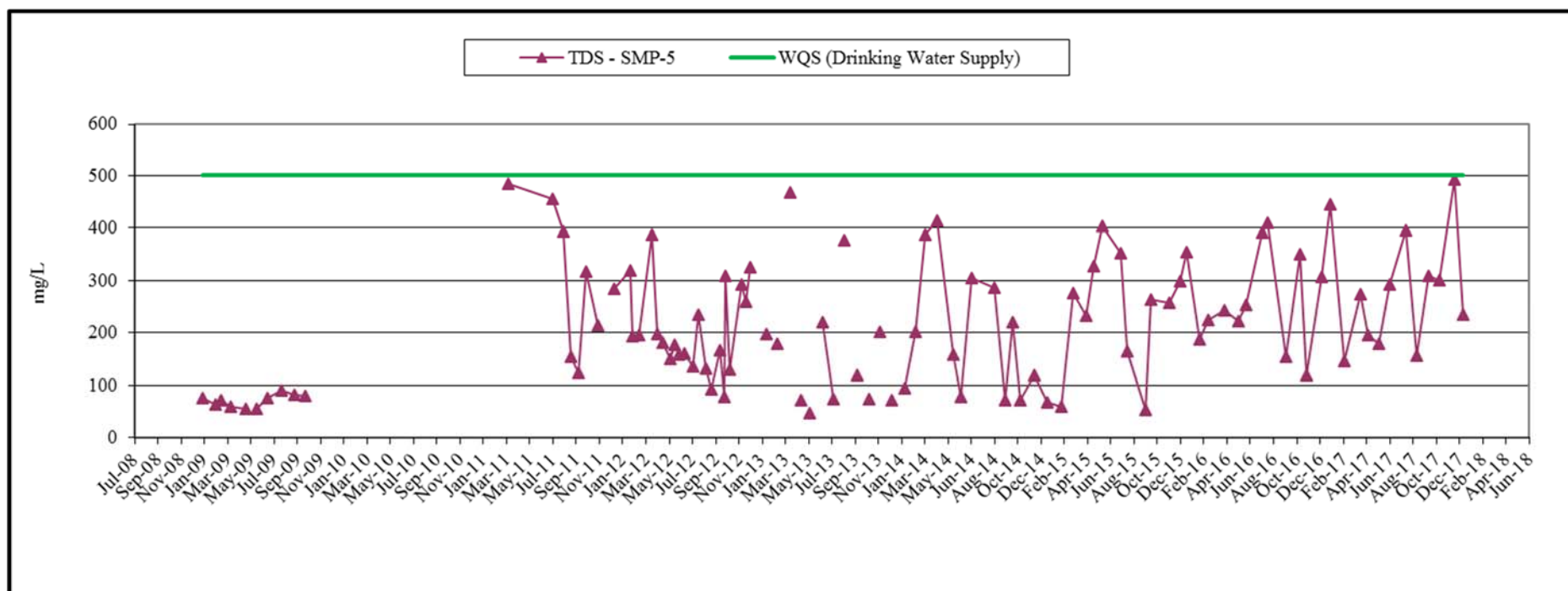


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

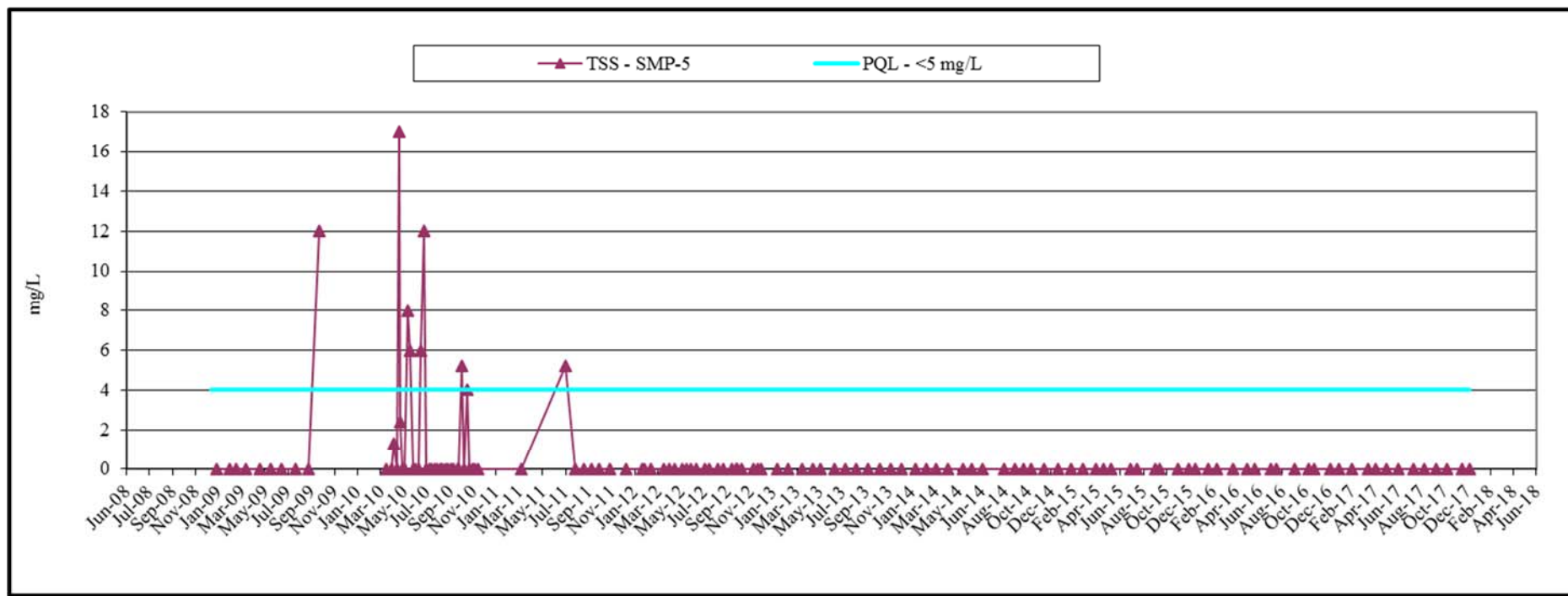


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

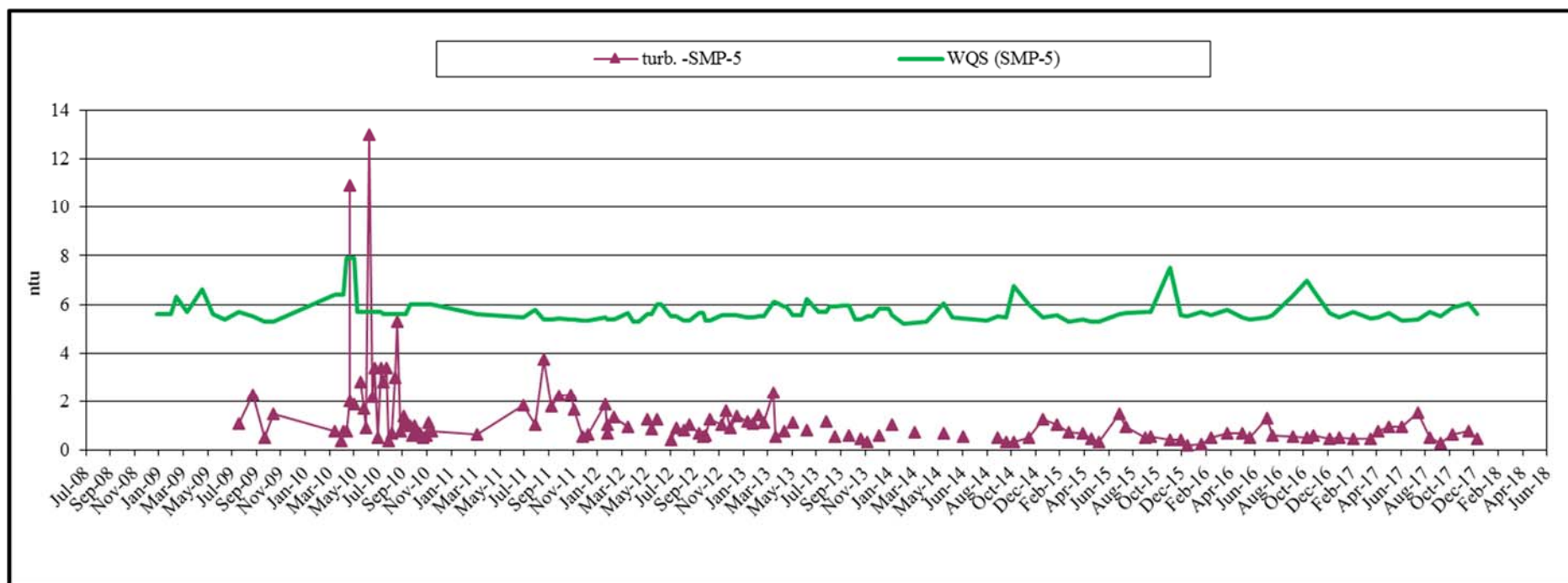


Figure 10b: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Major Chemistry

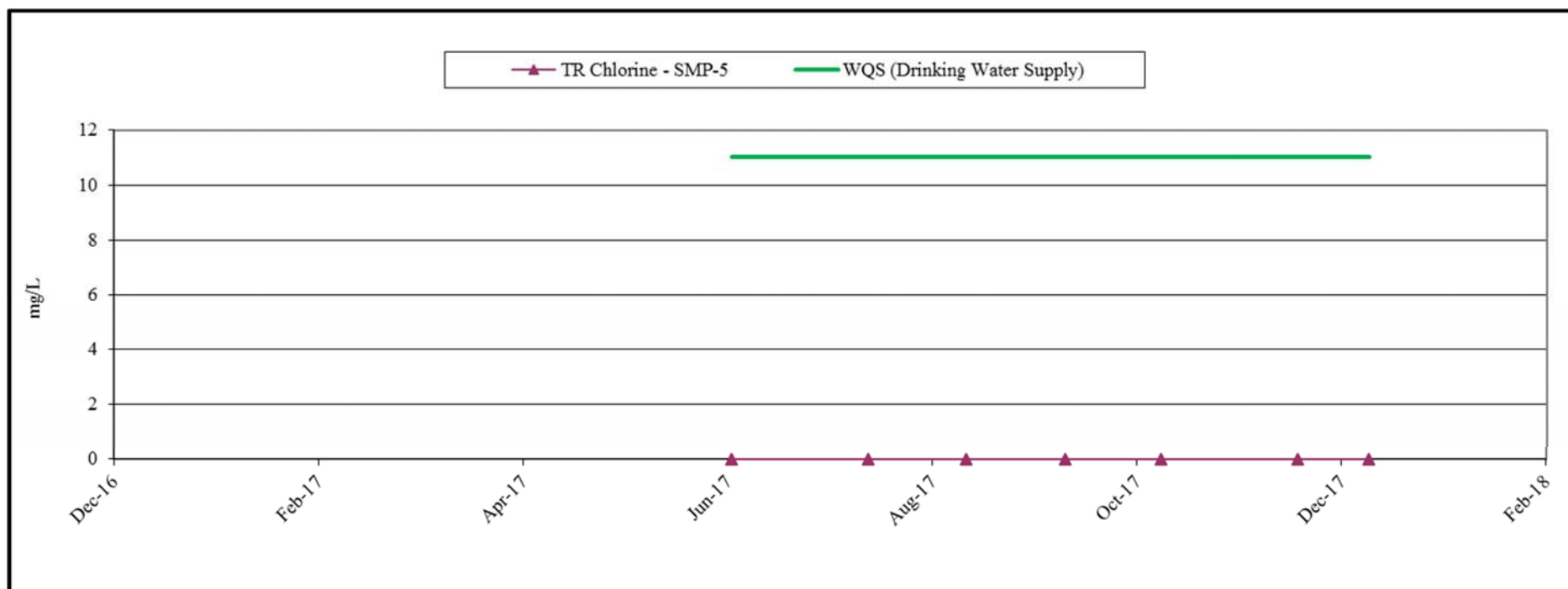


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

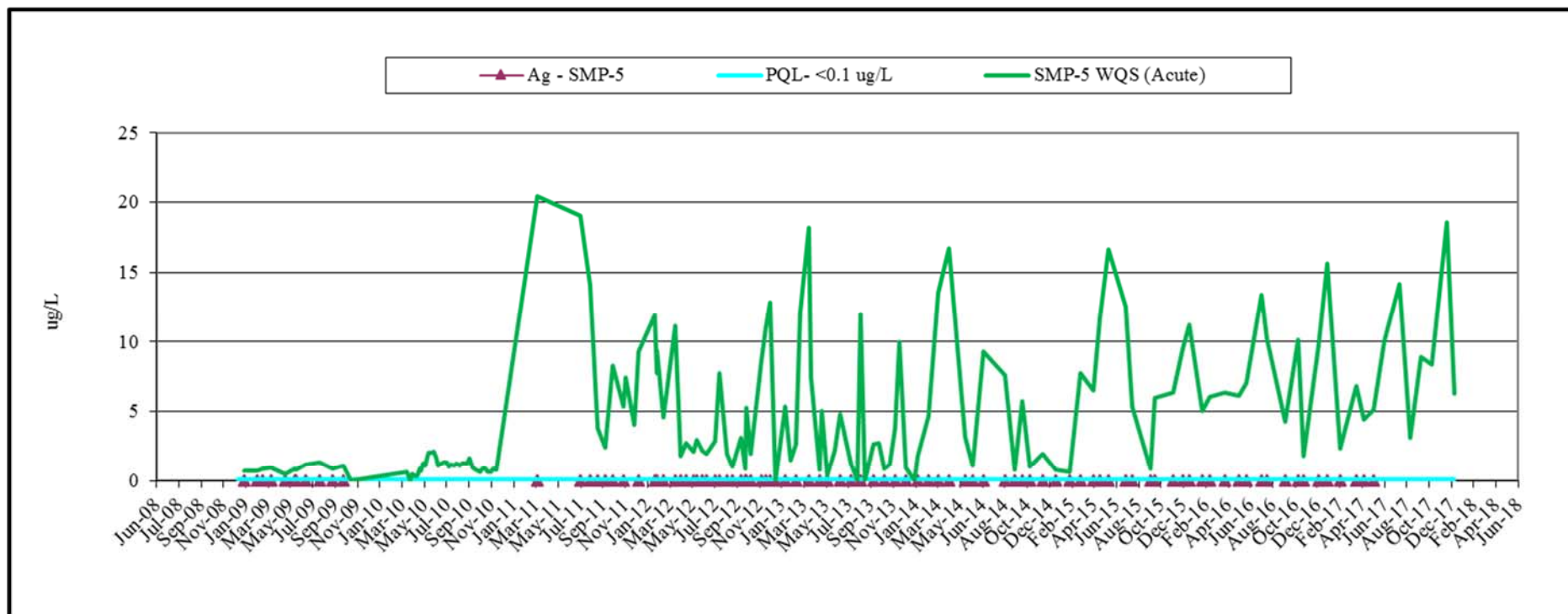


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

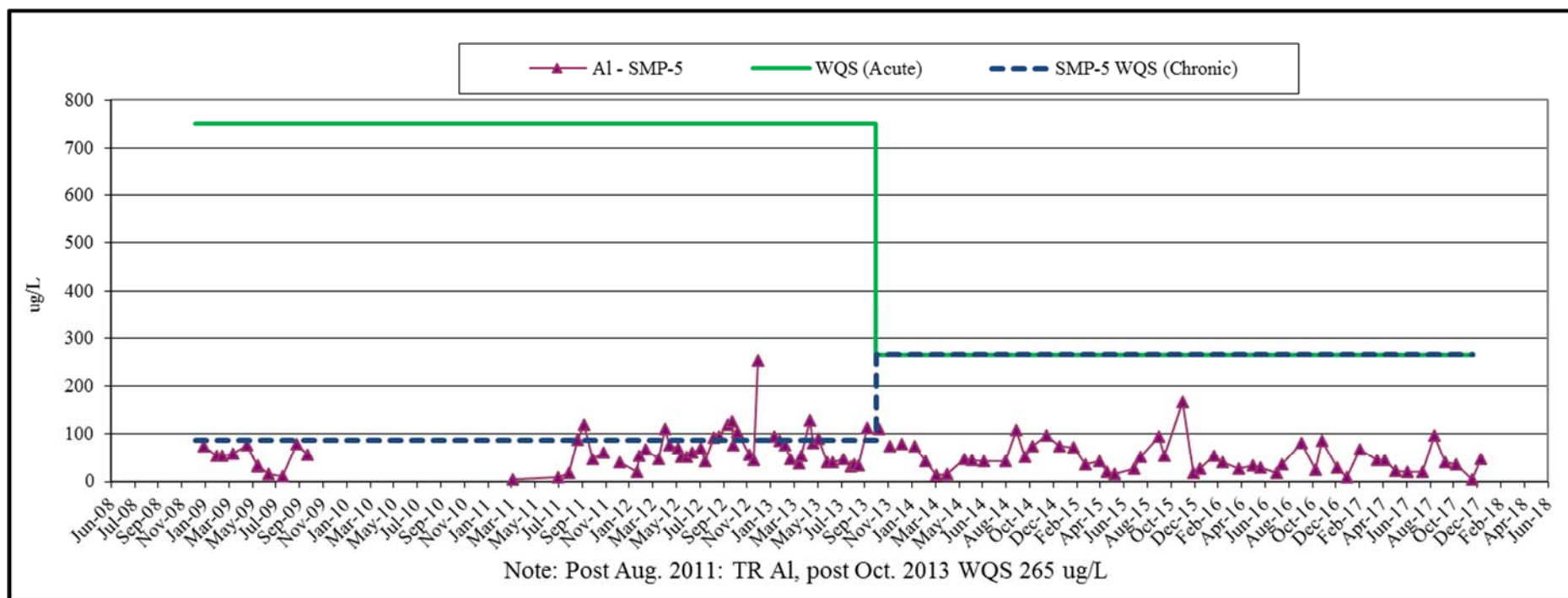


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

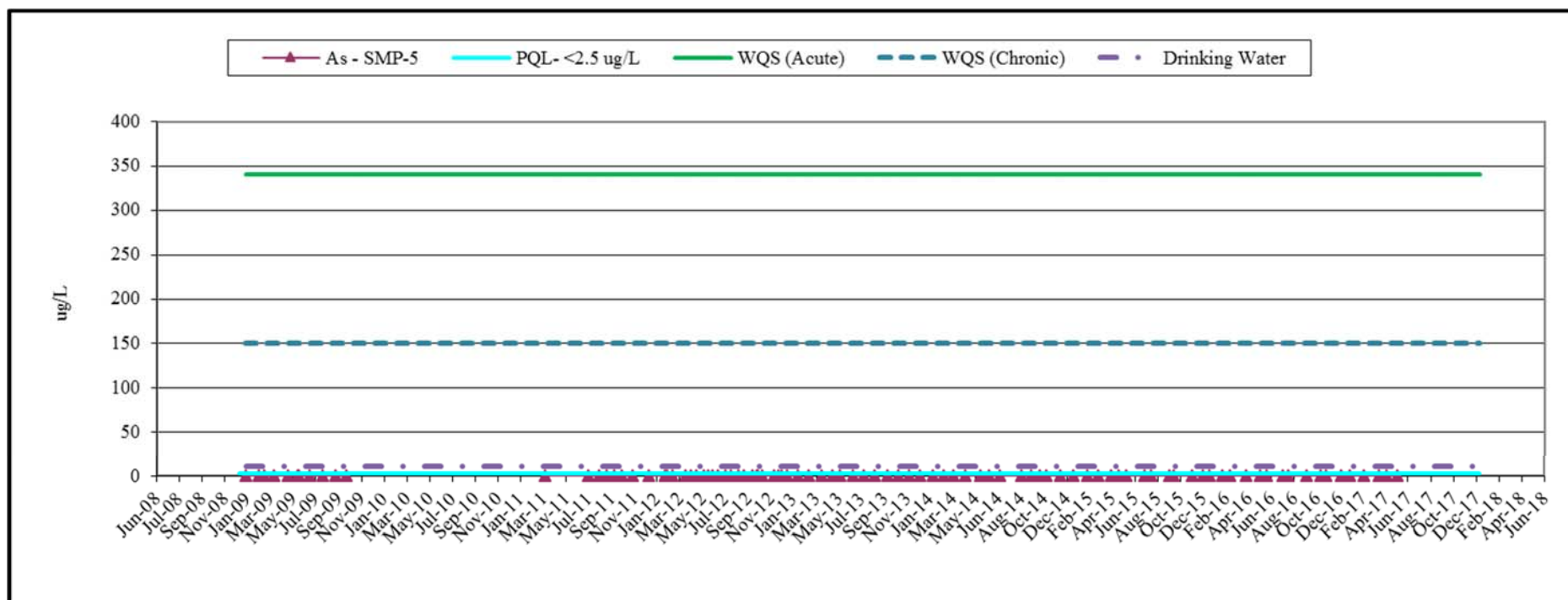


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

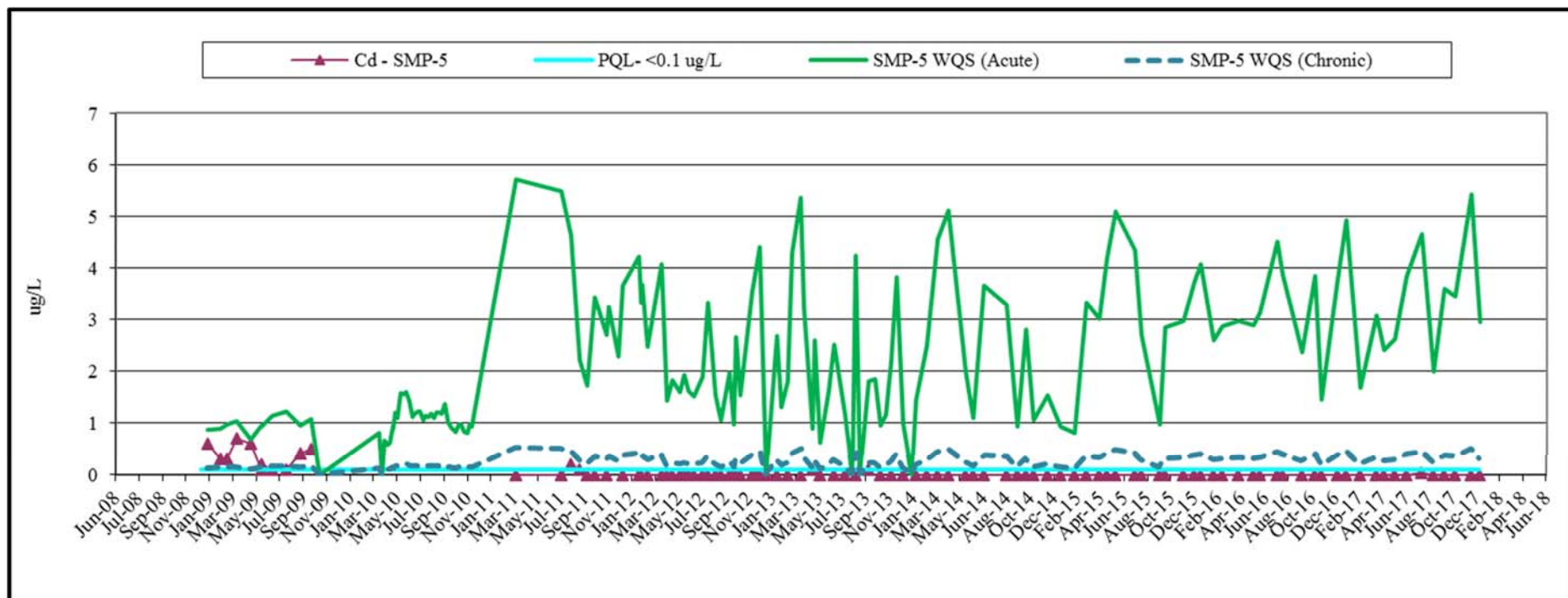


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

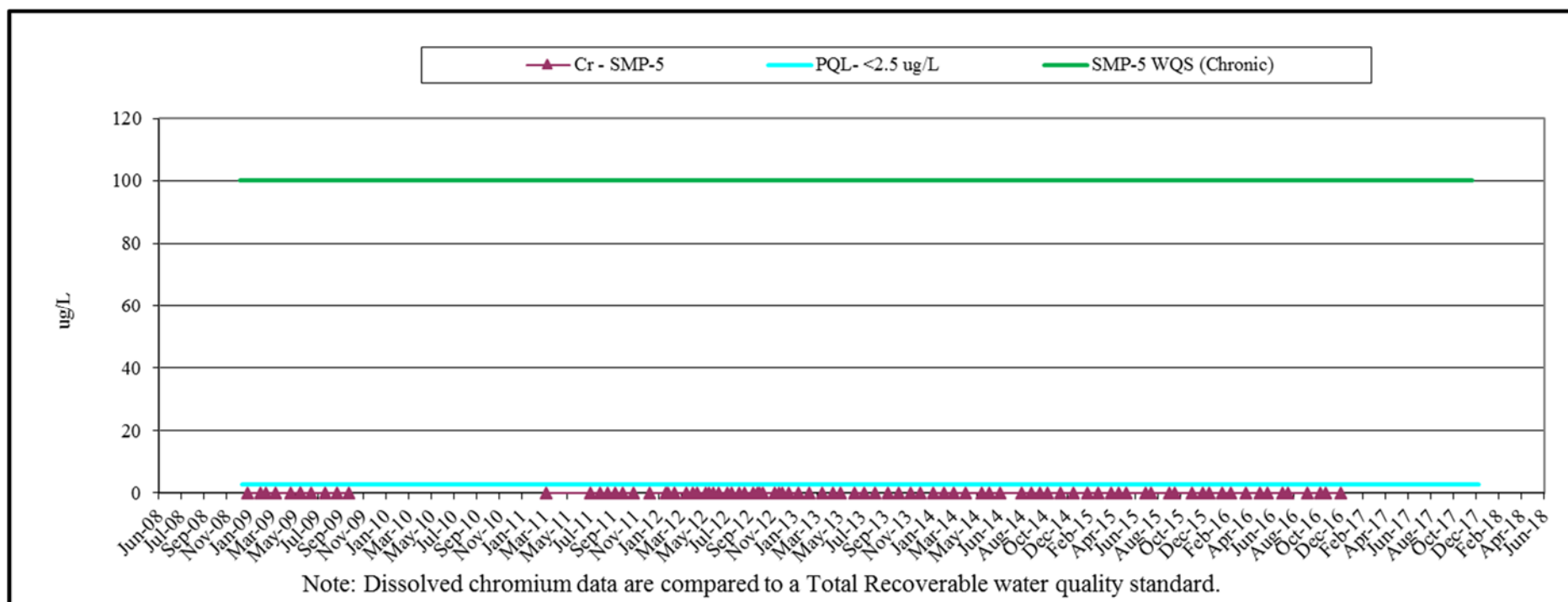


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

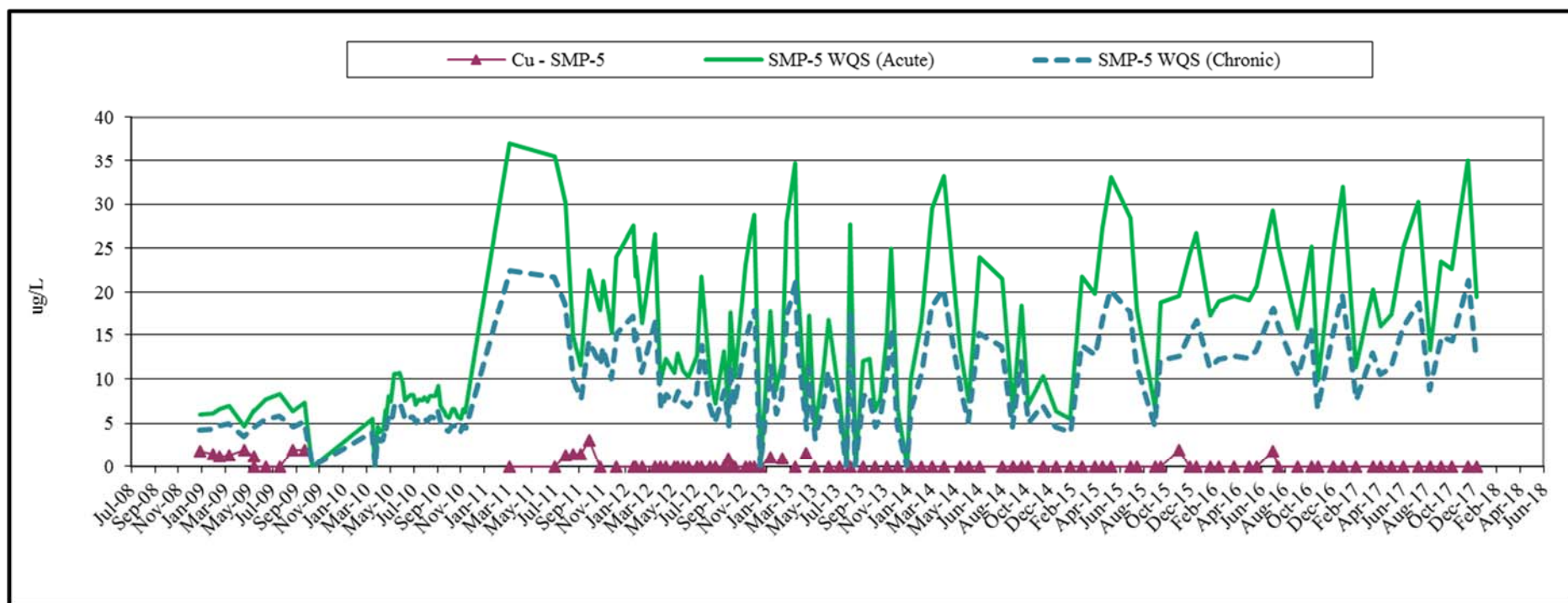


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

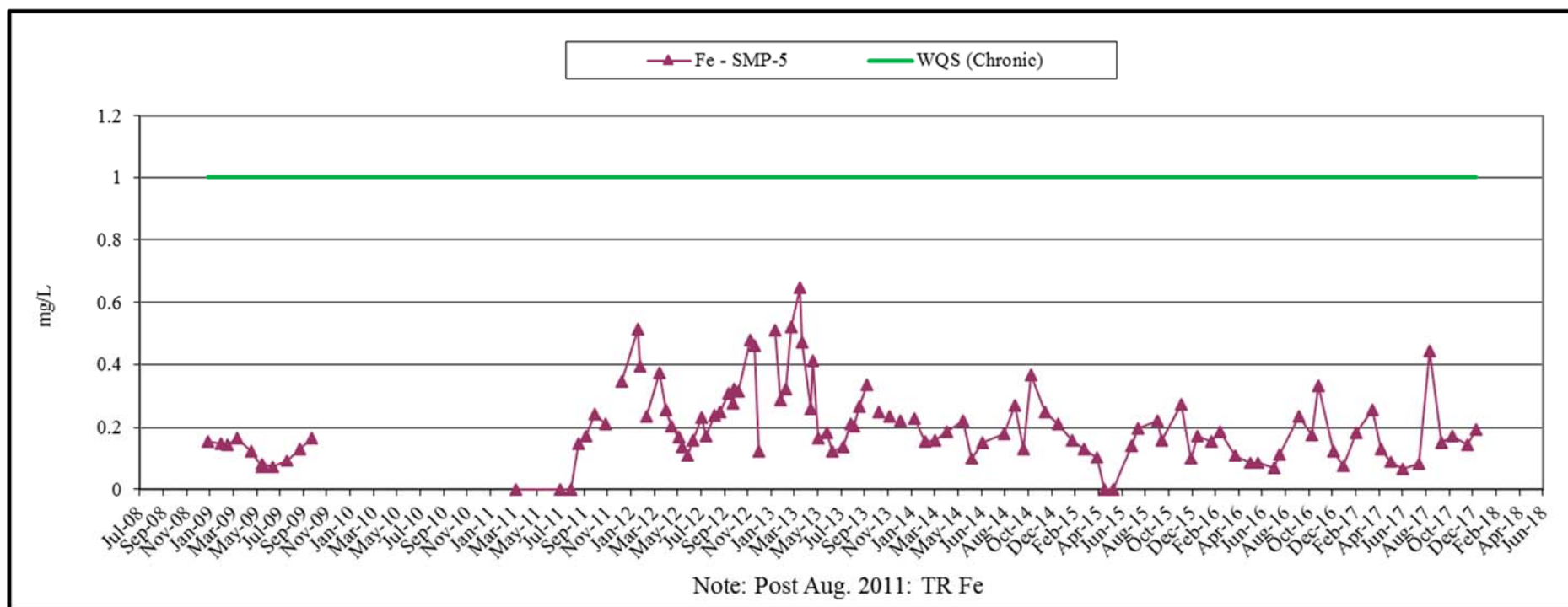


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

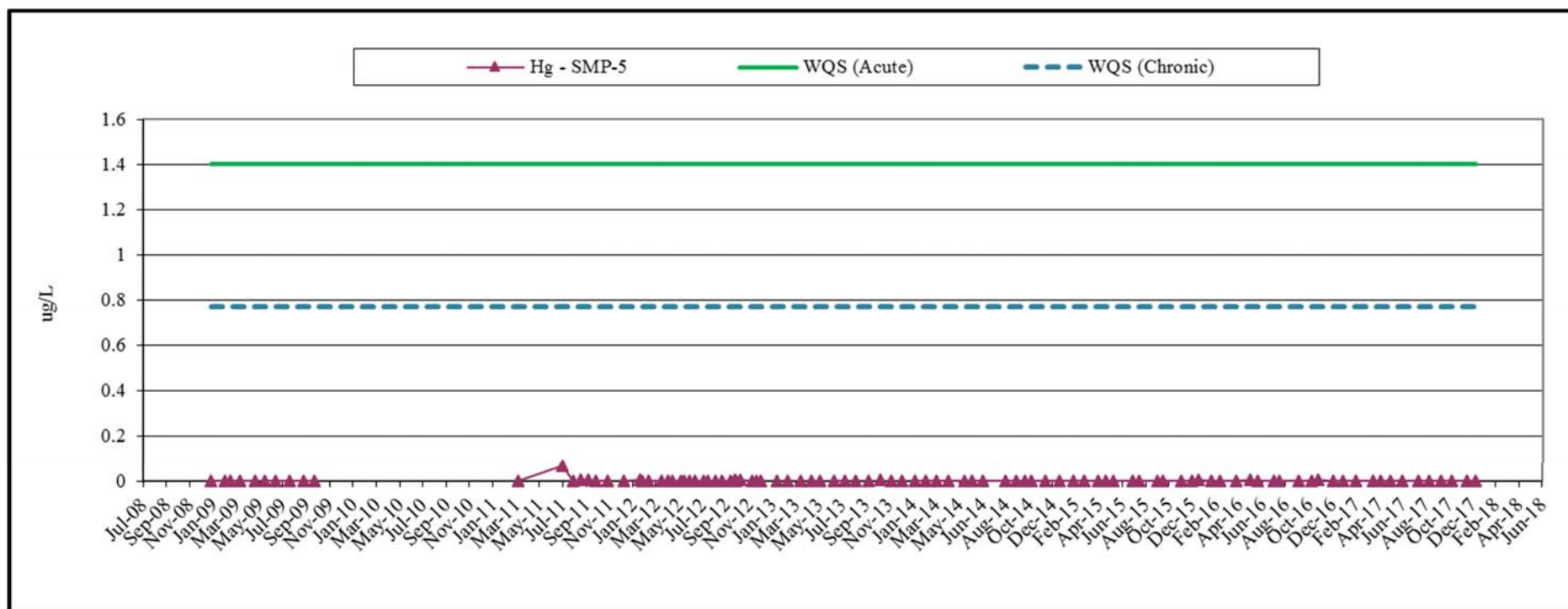


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

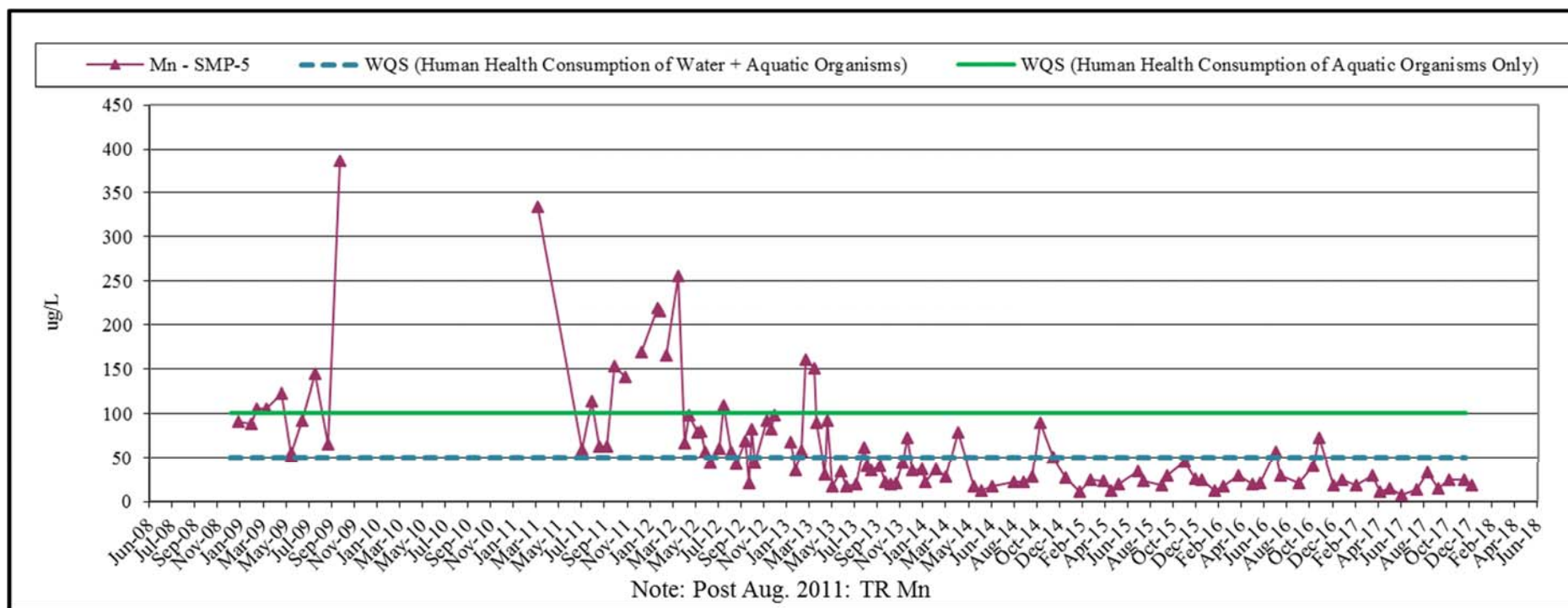


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

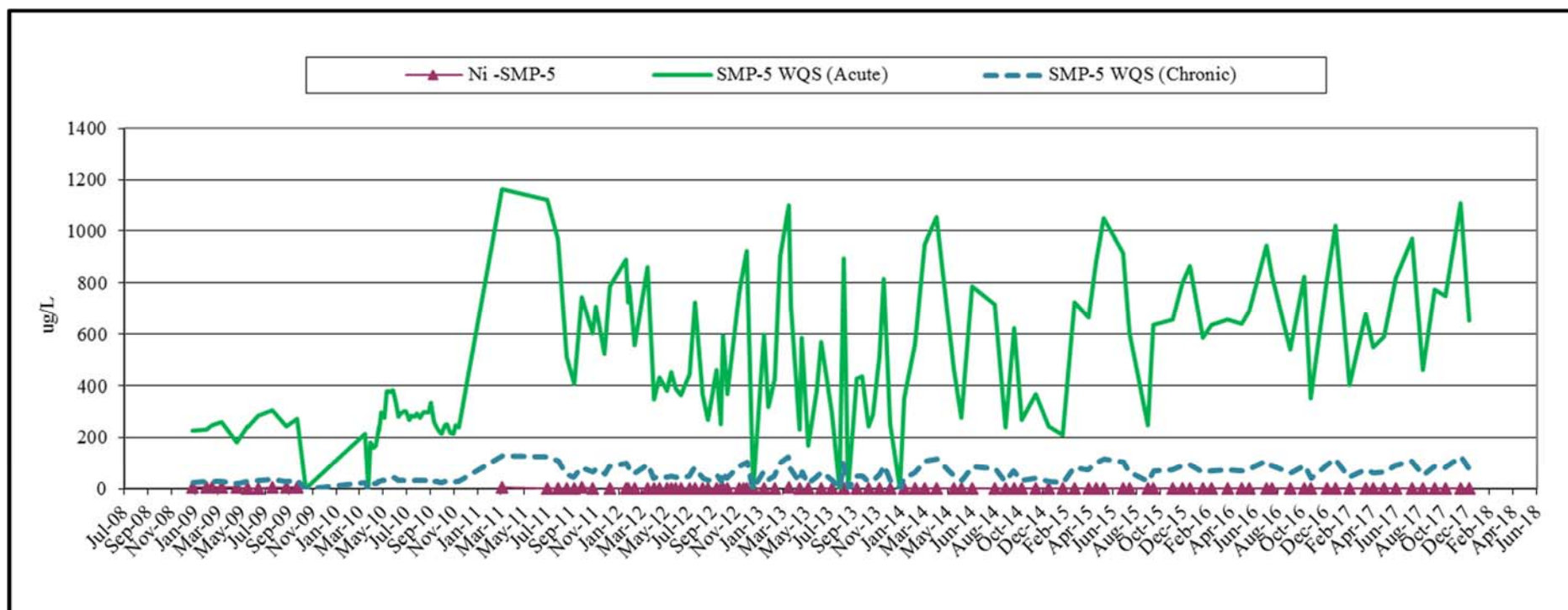


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

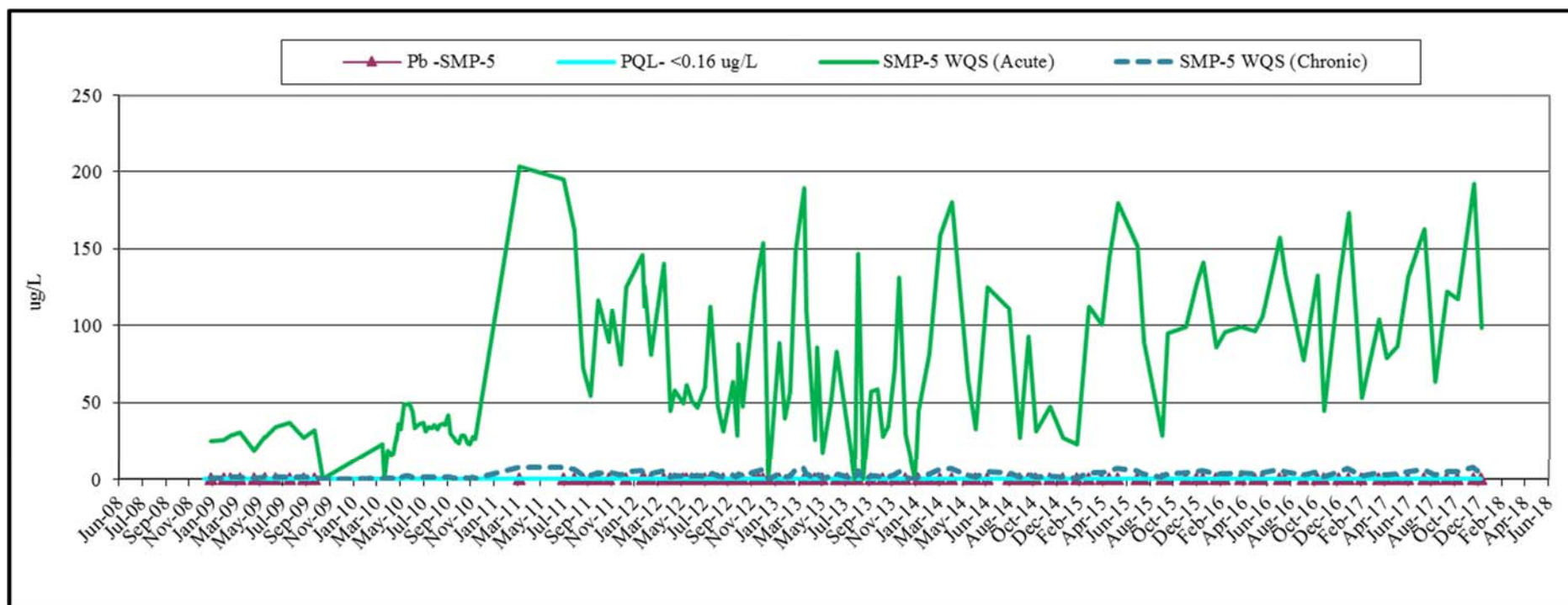


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

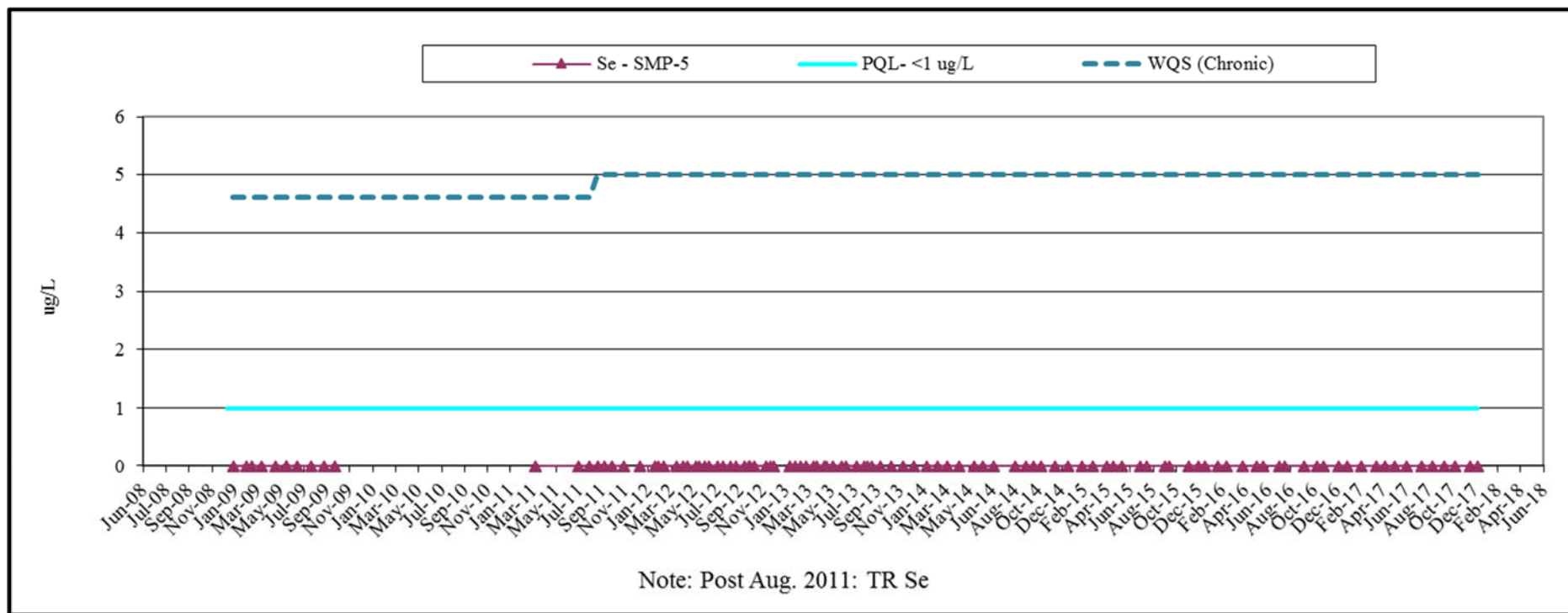


Figure 10c: Slate Creek (SMP-5) Monitoring Results 2009 – 2017, Trace Chemistry

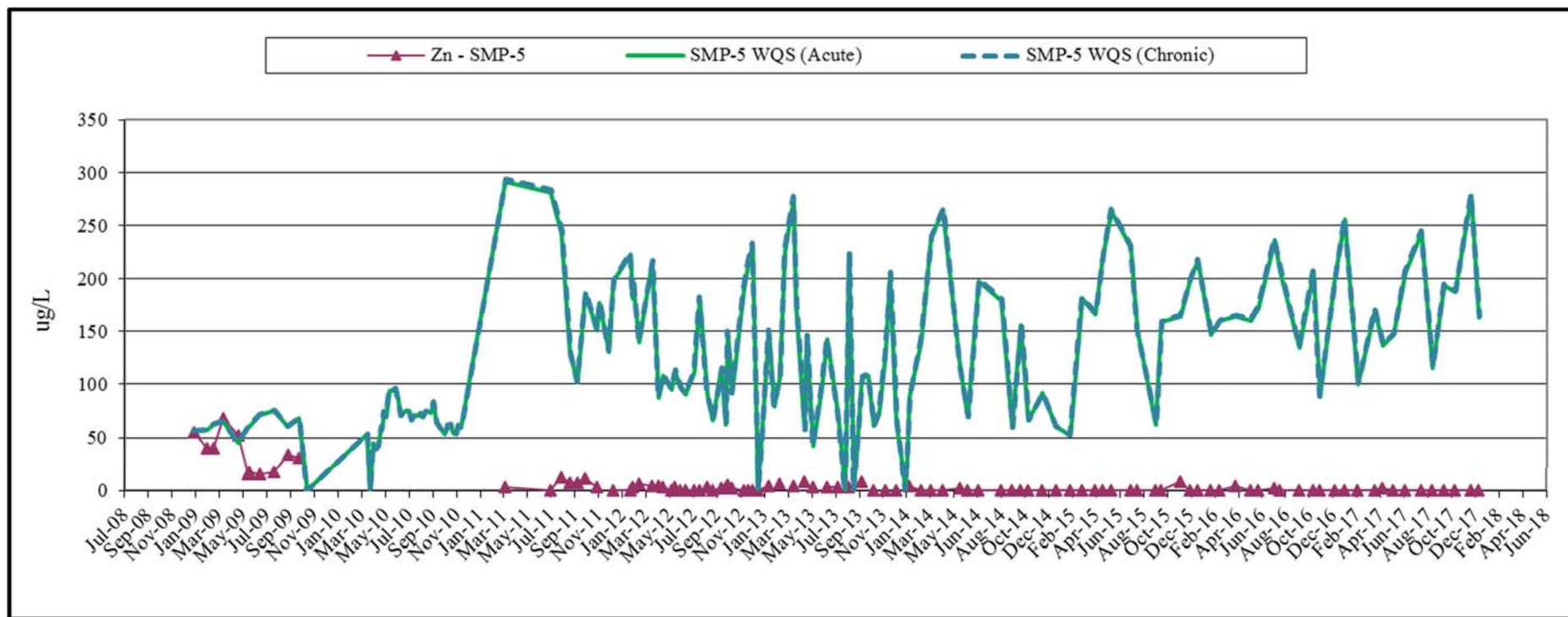


Figure 11a: Slate Creek (SLB) Results 2006-2017, Field Parameters

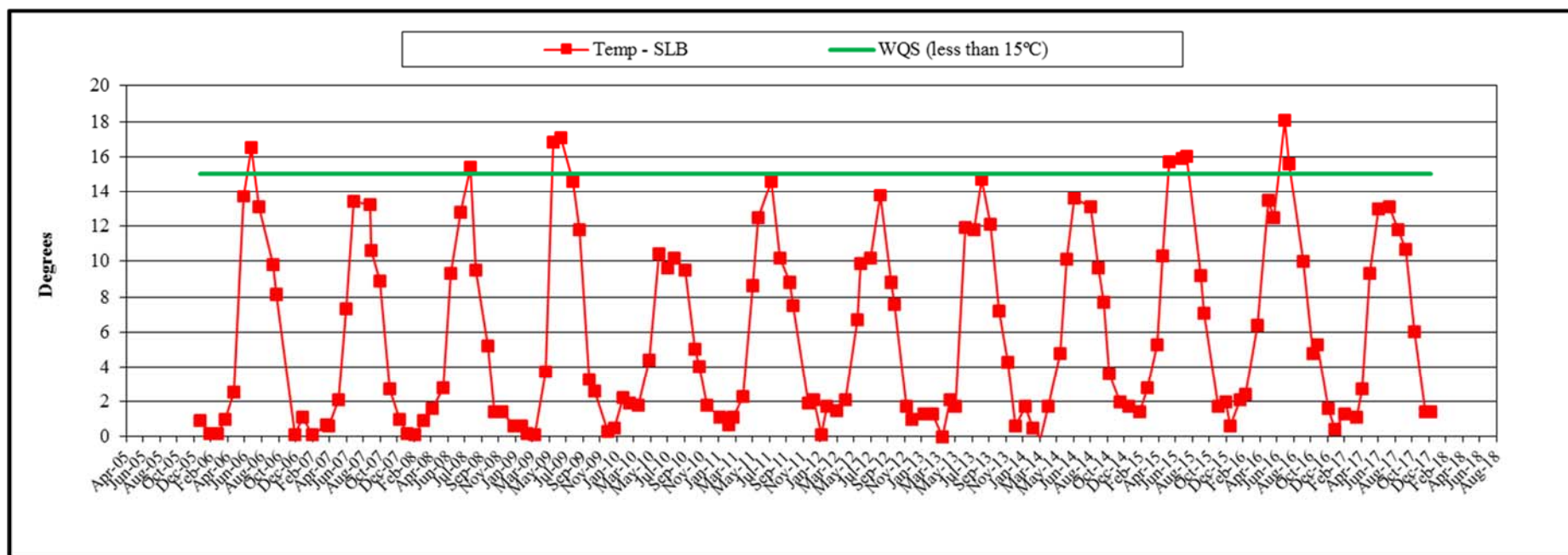


Figure 11a: Slate Creek (SLB) Results 2006-2017, Field Parameters

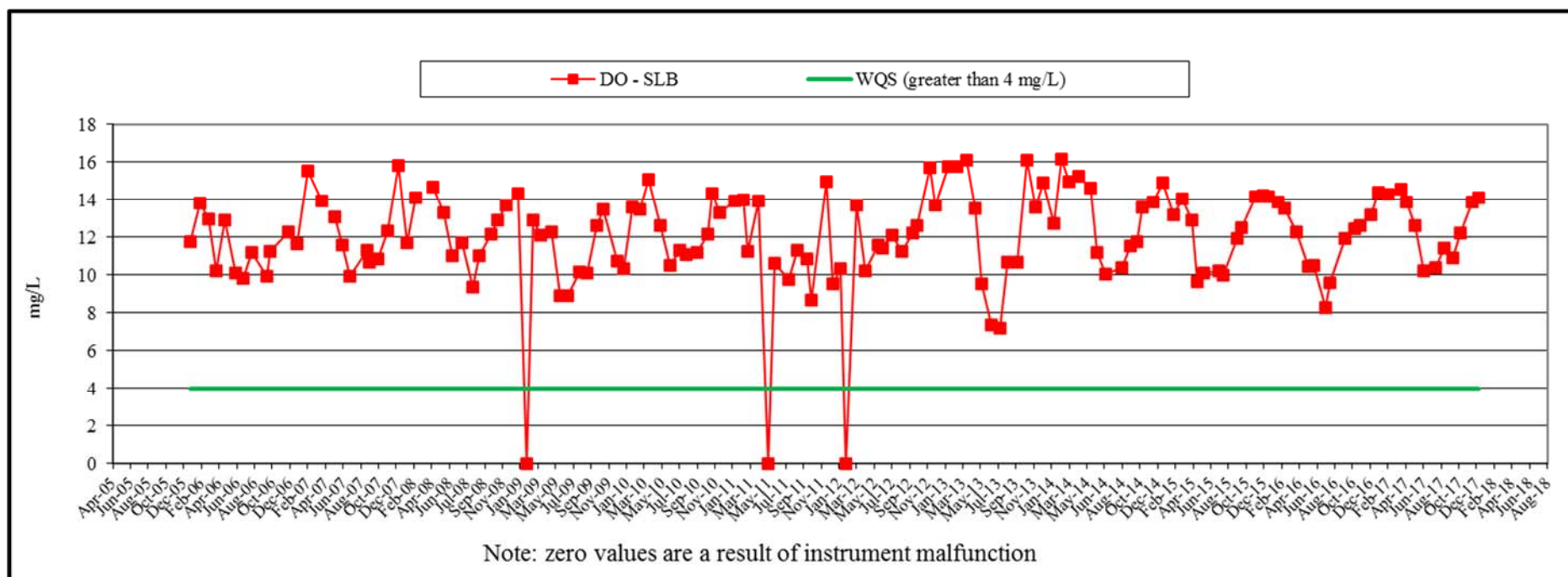


Figure 11a: Slate Creek (SLB) Results 2006-2017, Field Parameters

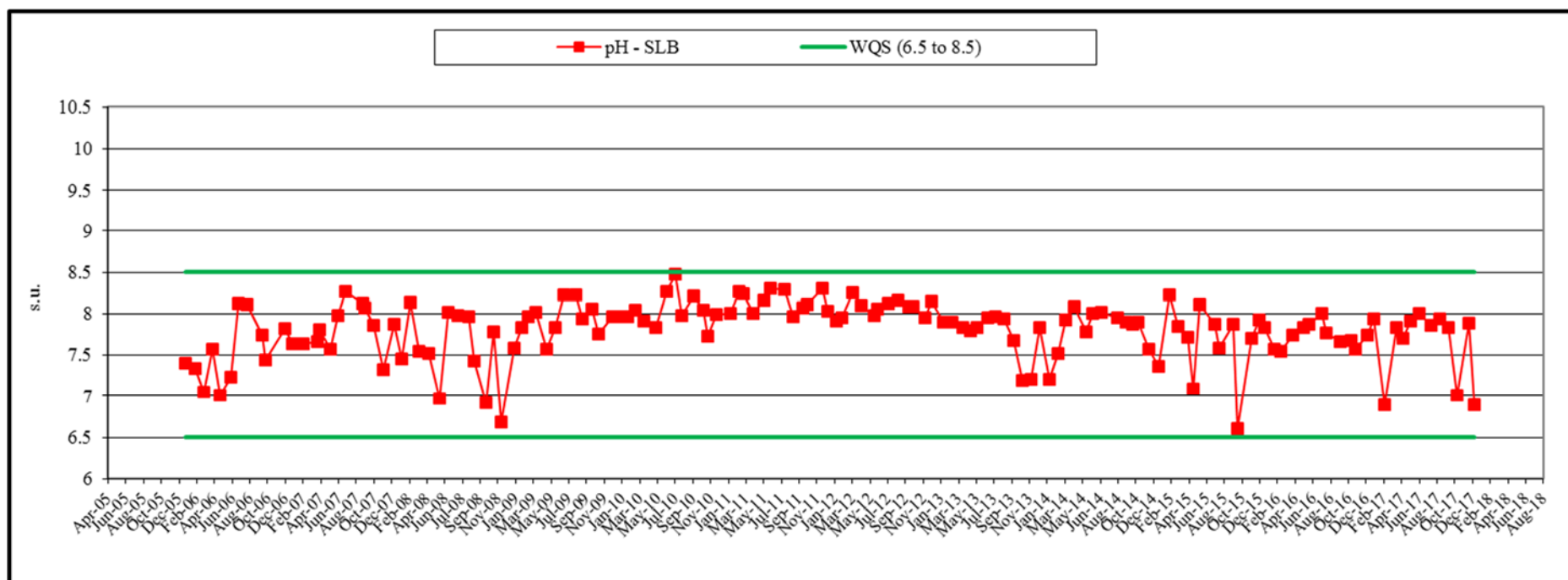


Figure 11a: Slate Creek (SLB) Results 2006-2017, Field Parameters

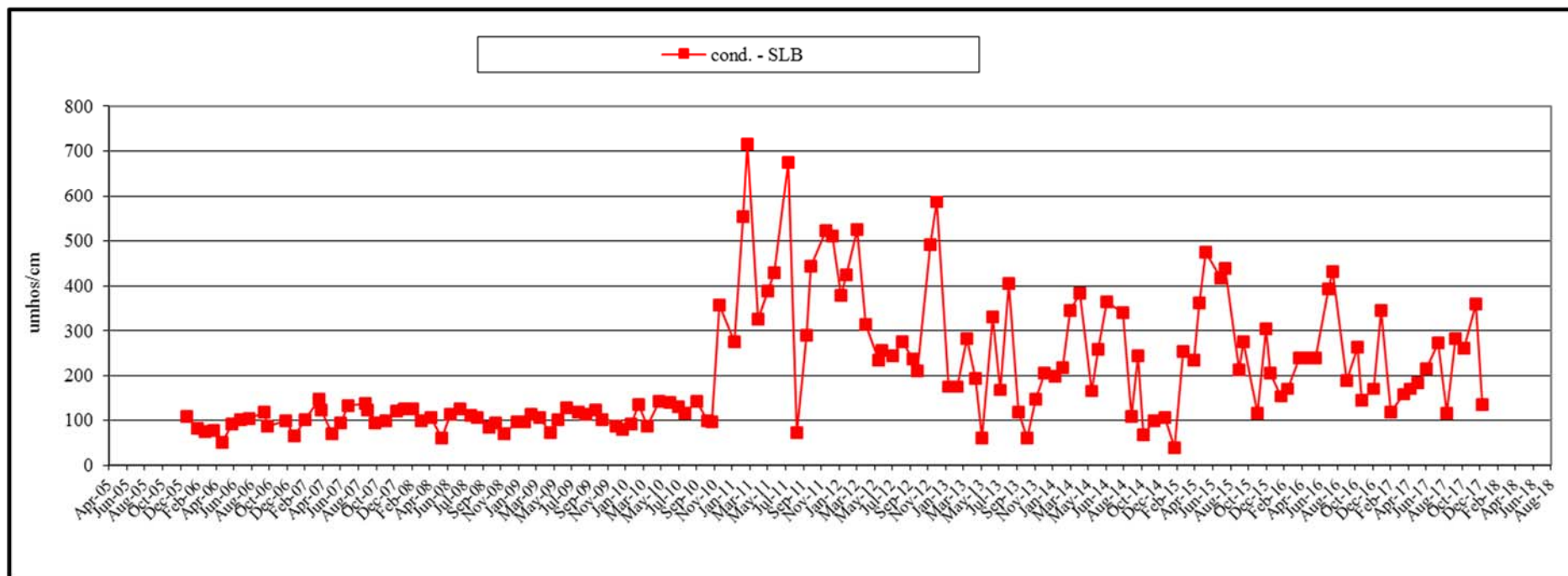


Figure 11b: Slate Creek (SLB) Results 2006-2017, Major Chemistry

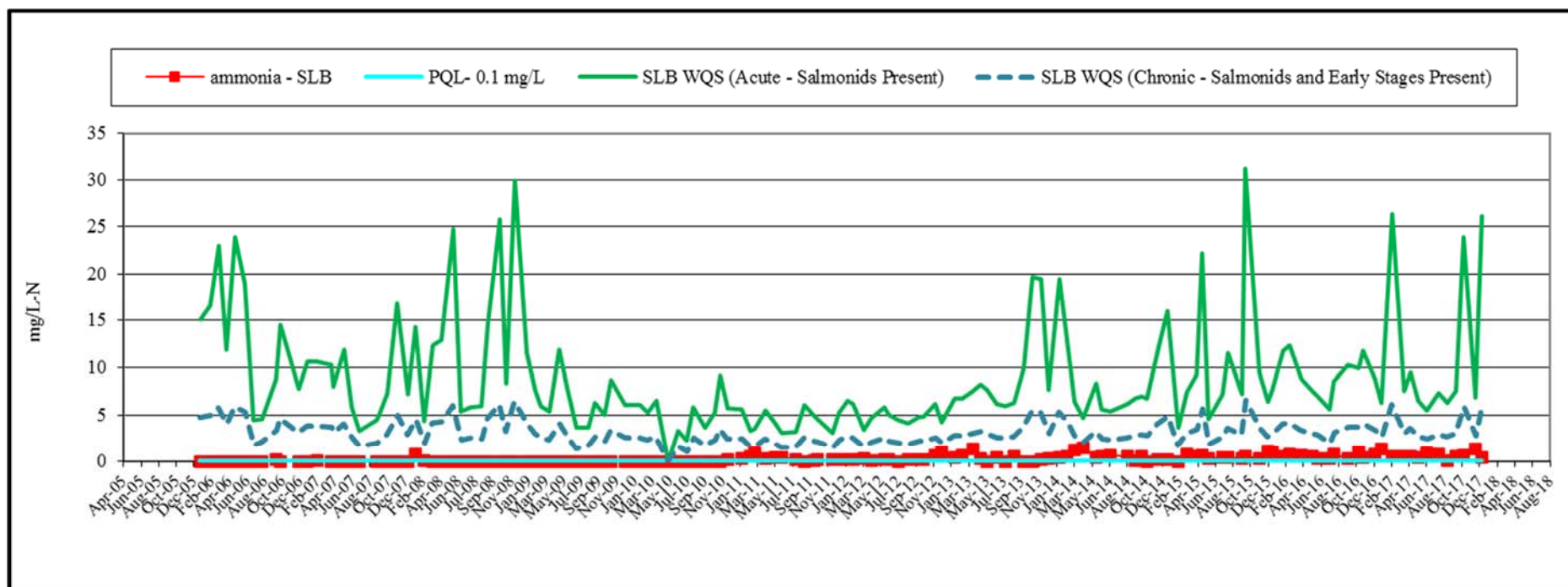


Figure 11b: Slate Creek (SLB) Results 2006-2017, Major Chemistry

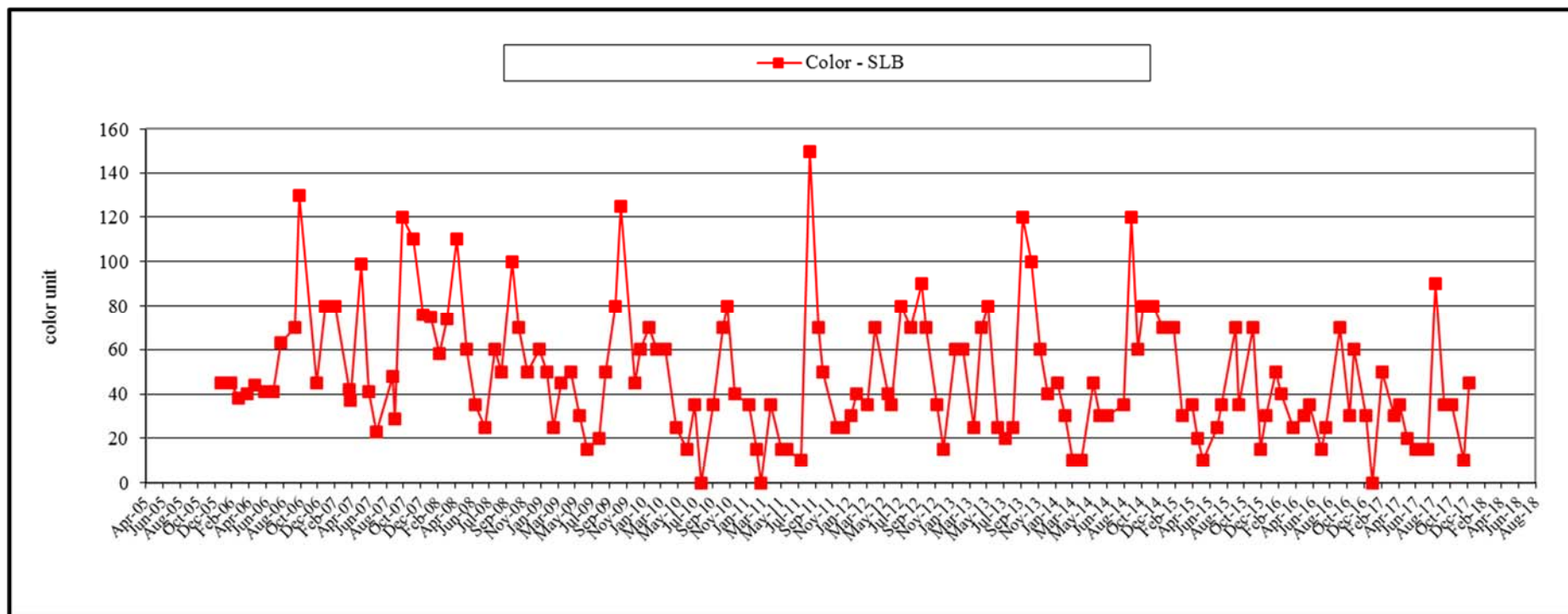


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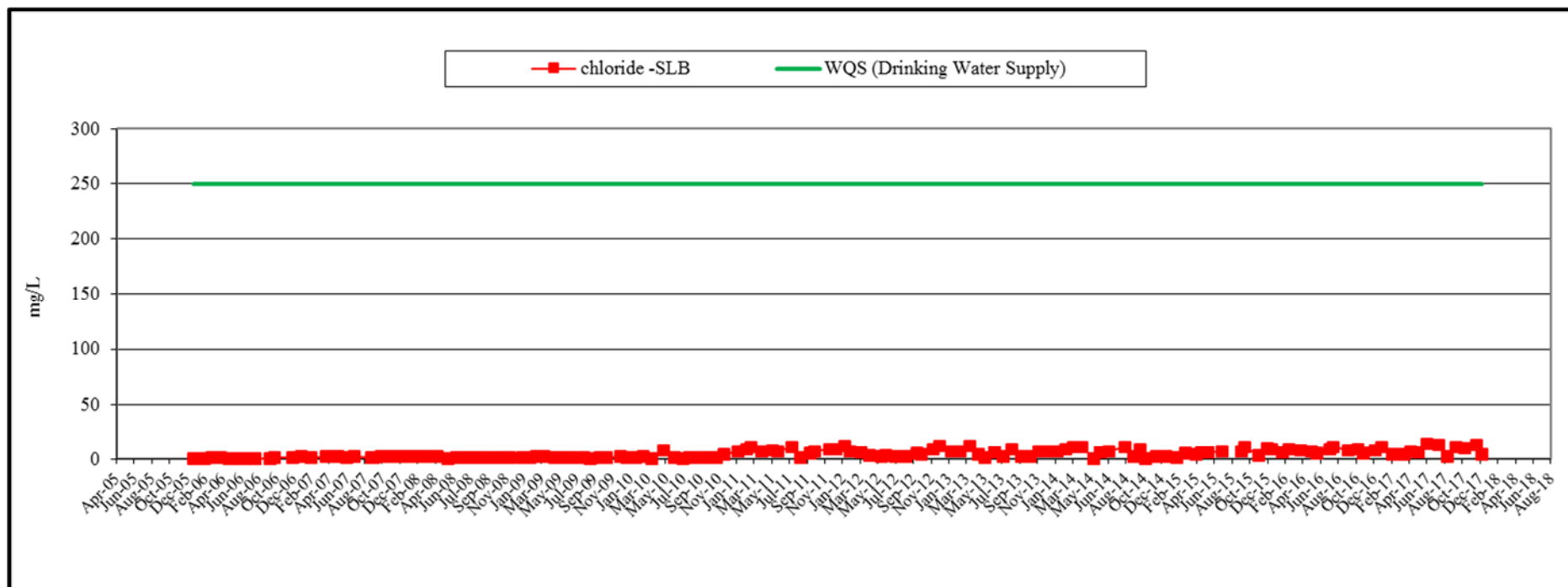


Figure 11b: Slate Creek (SLB) Results 2006-2017, Major Chemistry

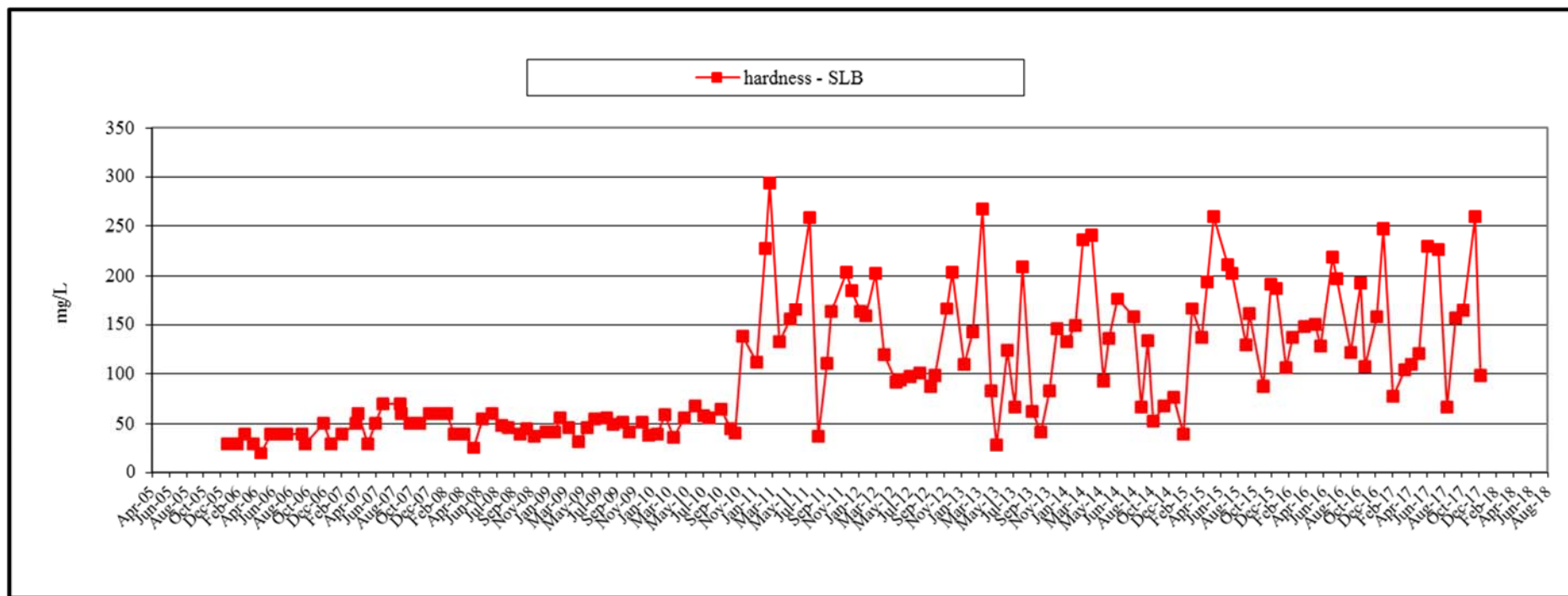


Figure 11b: Slate Creek (SLB) Results 2006-2017, Major Chemistry

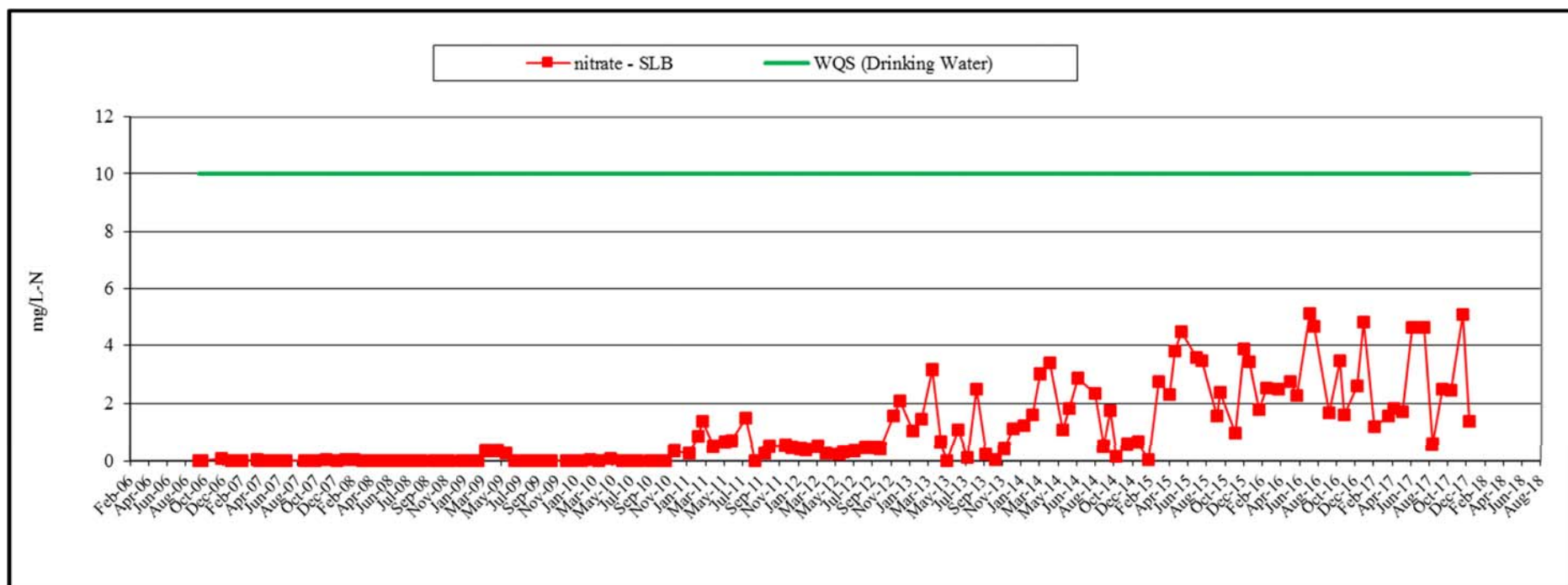


Figure 11b: Slate Creek (SLB) Results 2006-2017, Major Chemistry

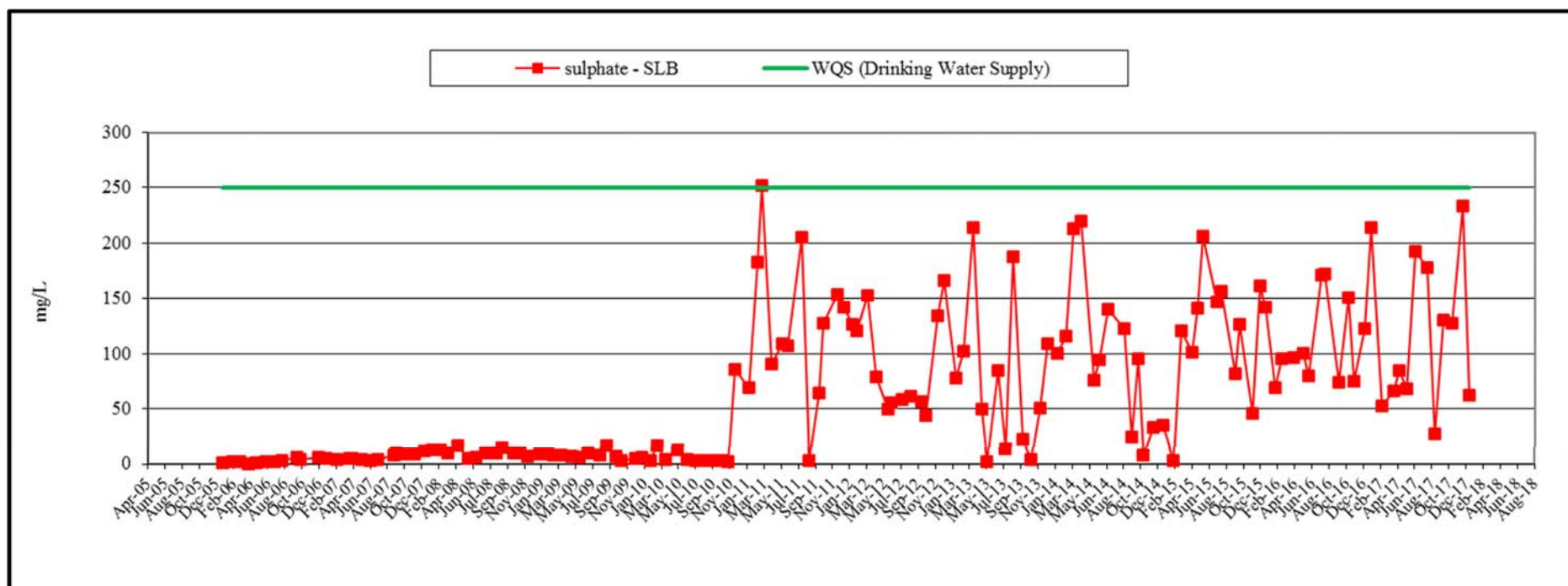


Figure 11b: Slate Creek (SLB) Results 2006-2017, Major Chemistry

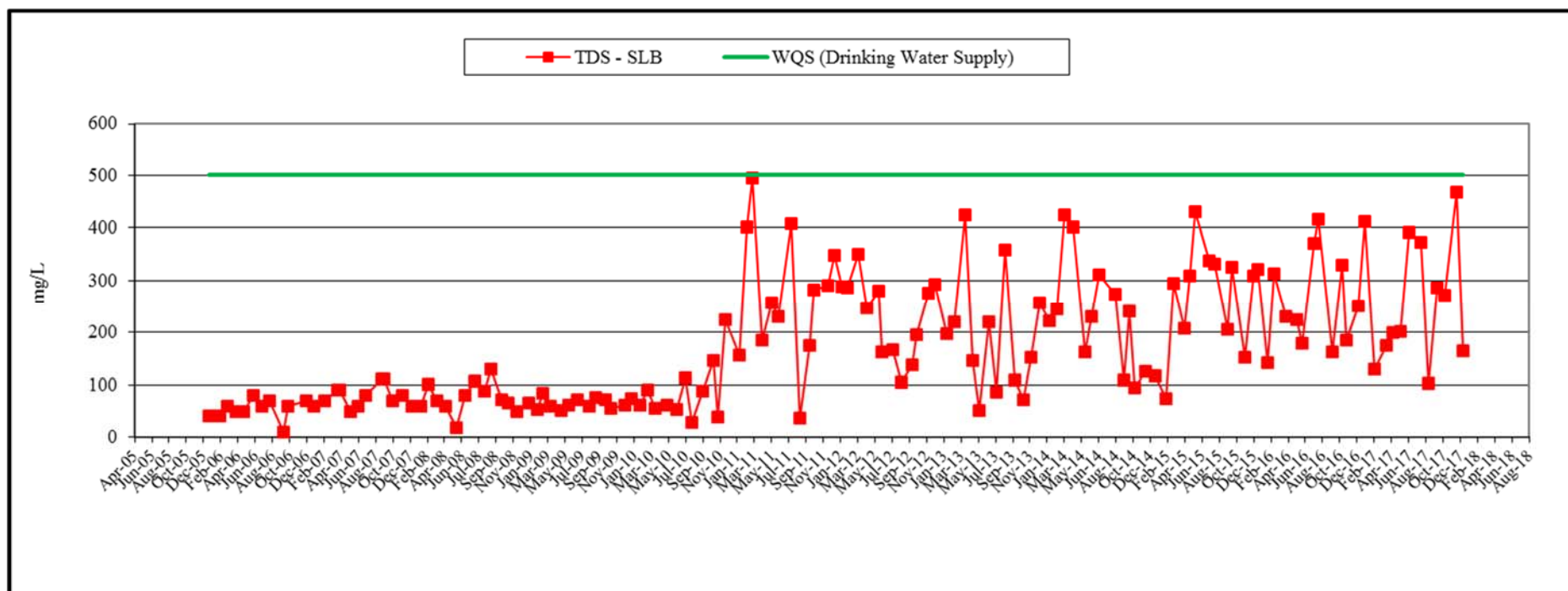


Figure 11b: Slate Creek (SLB) Results 2006-2017, Major Chemistry

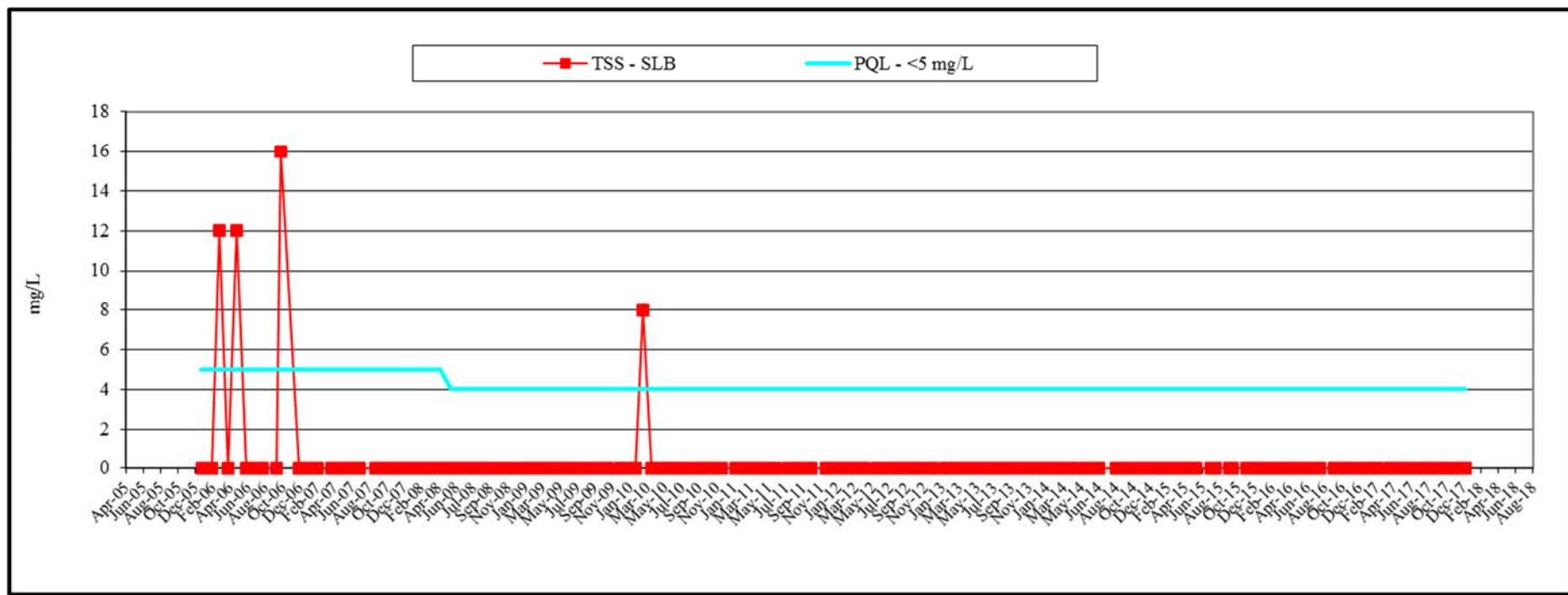


Figure 11b: Slate Creek (SLB) Results 2006-2017, Major Chemistry

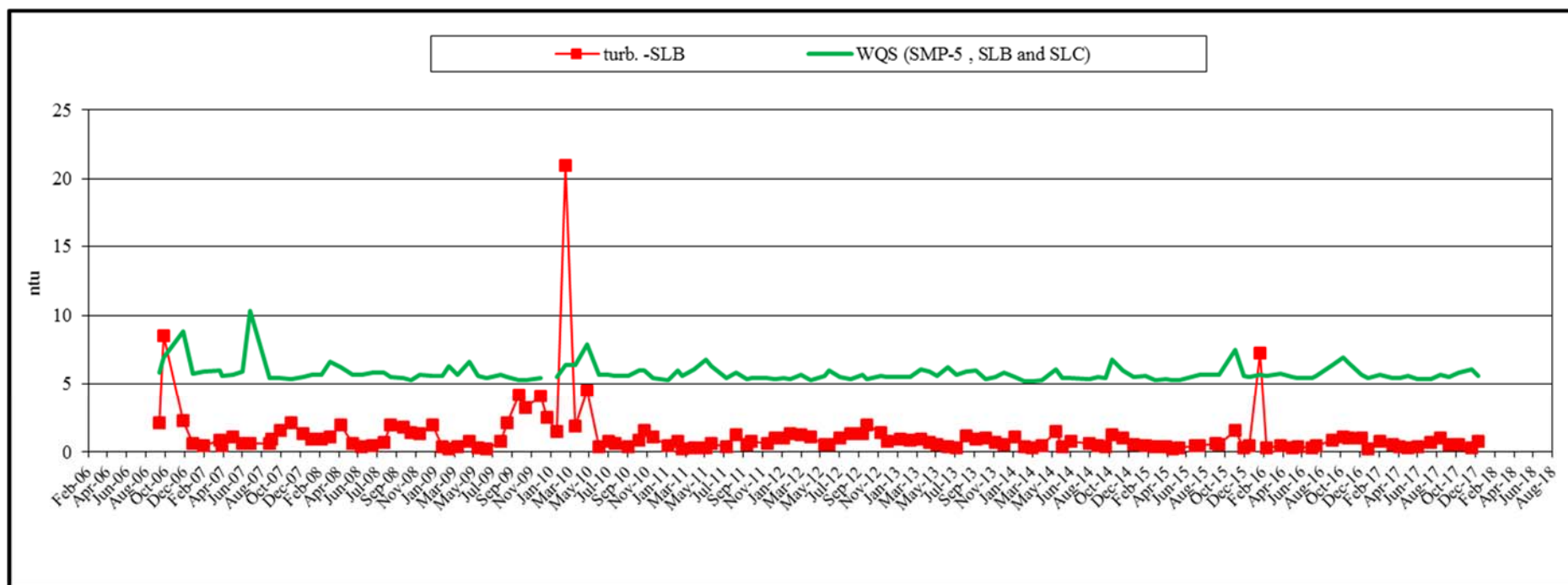


Figure 11b: Slate Creek (SLB) Results 2006-2017, Major Chemistry

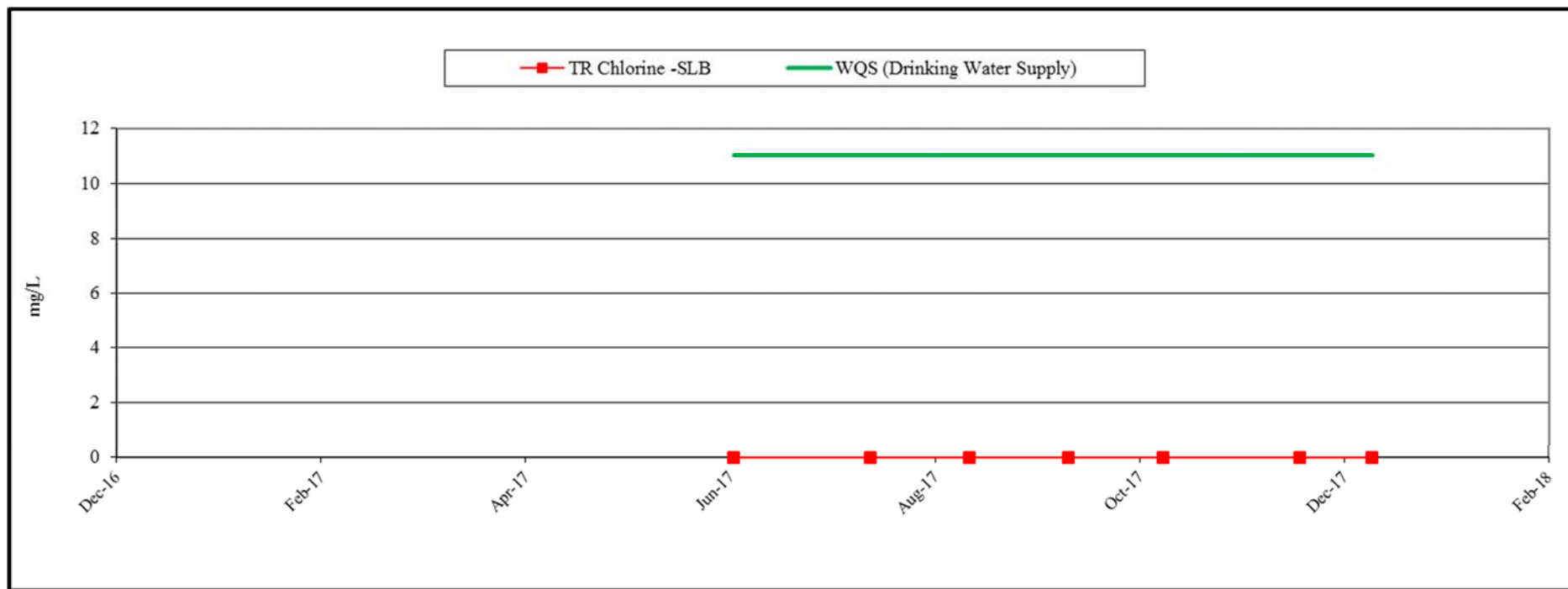


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

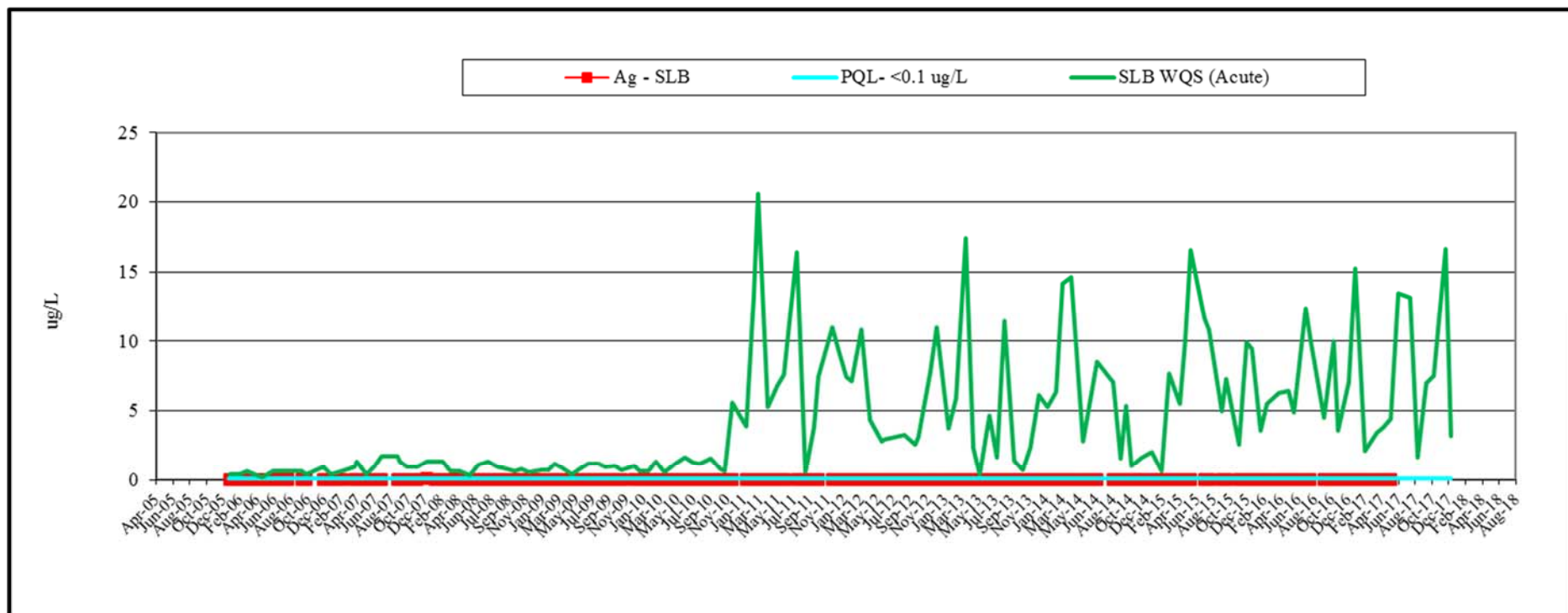


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

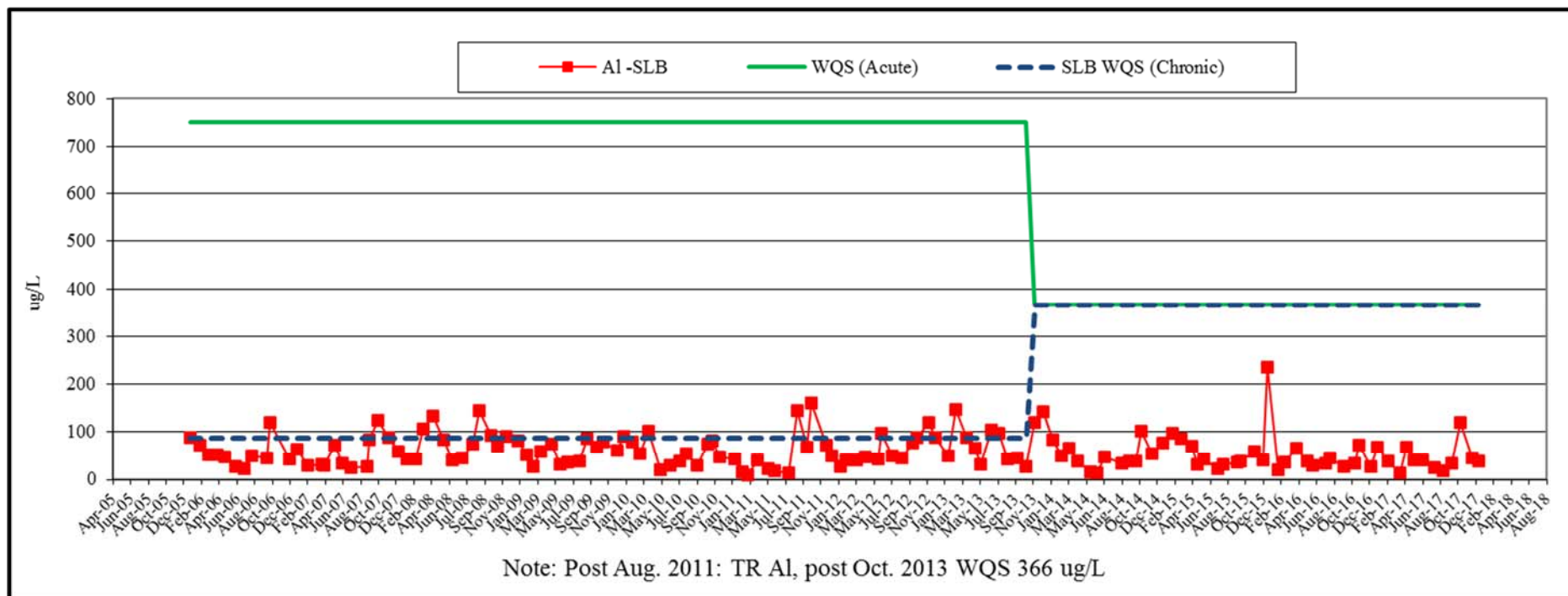


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

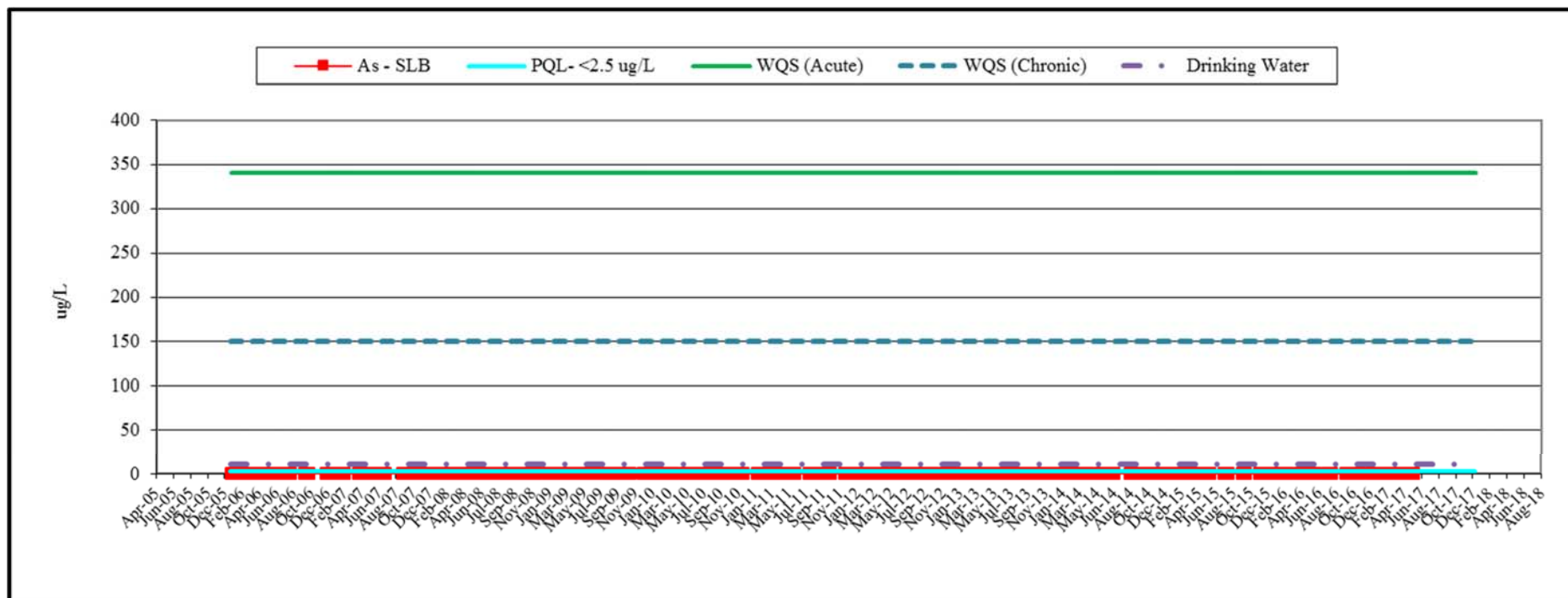


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

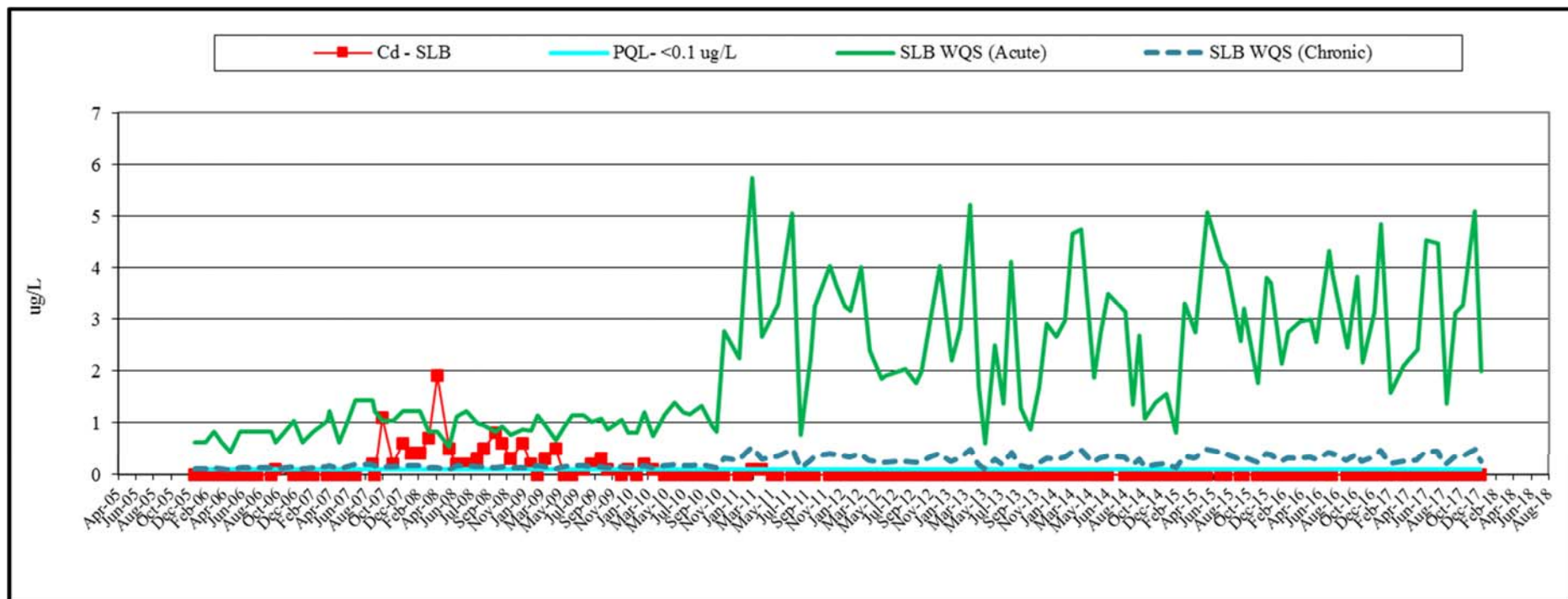


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

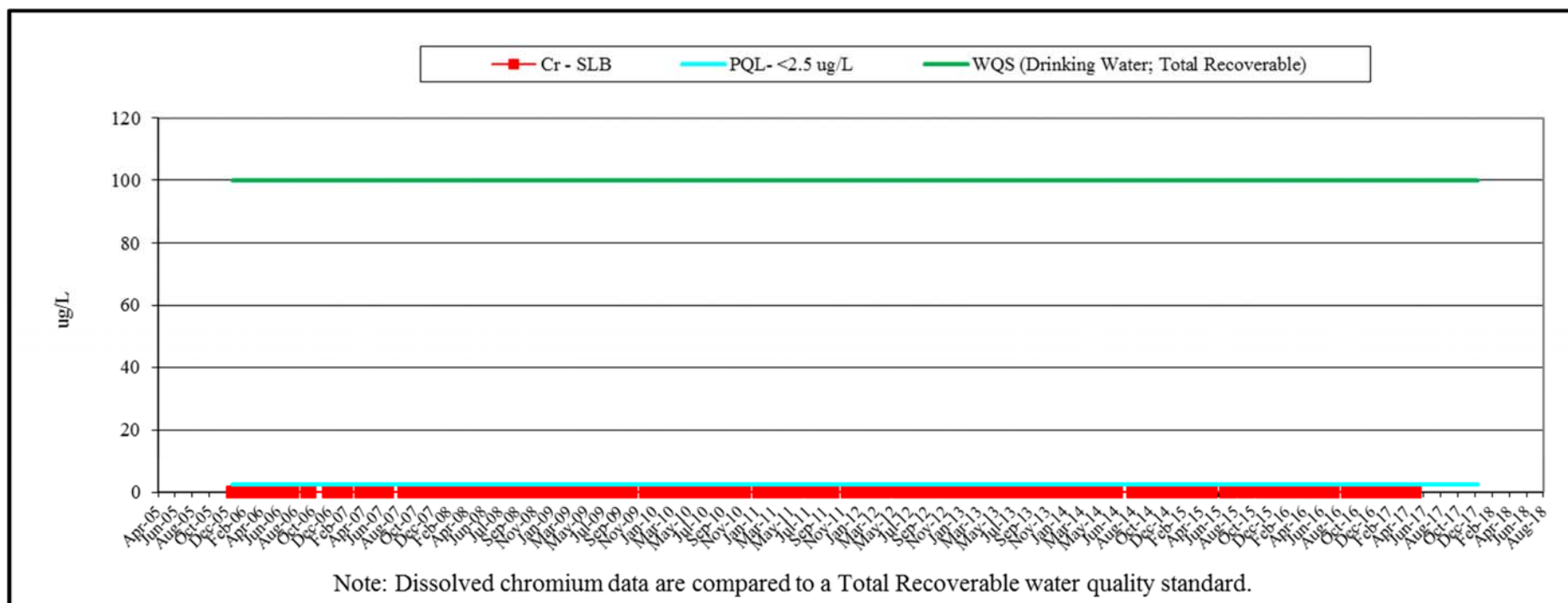


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

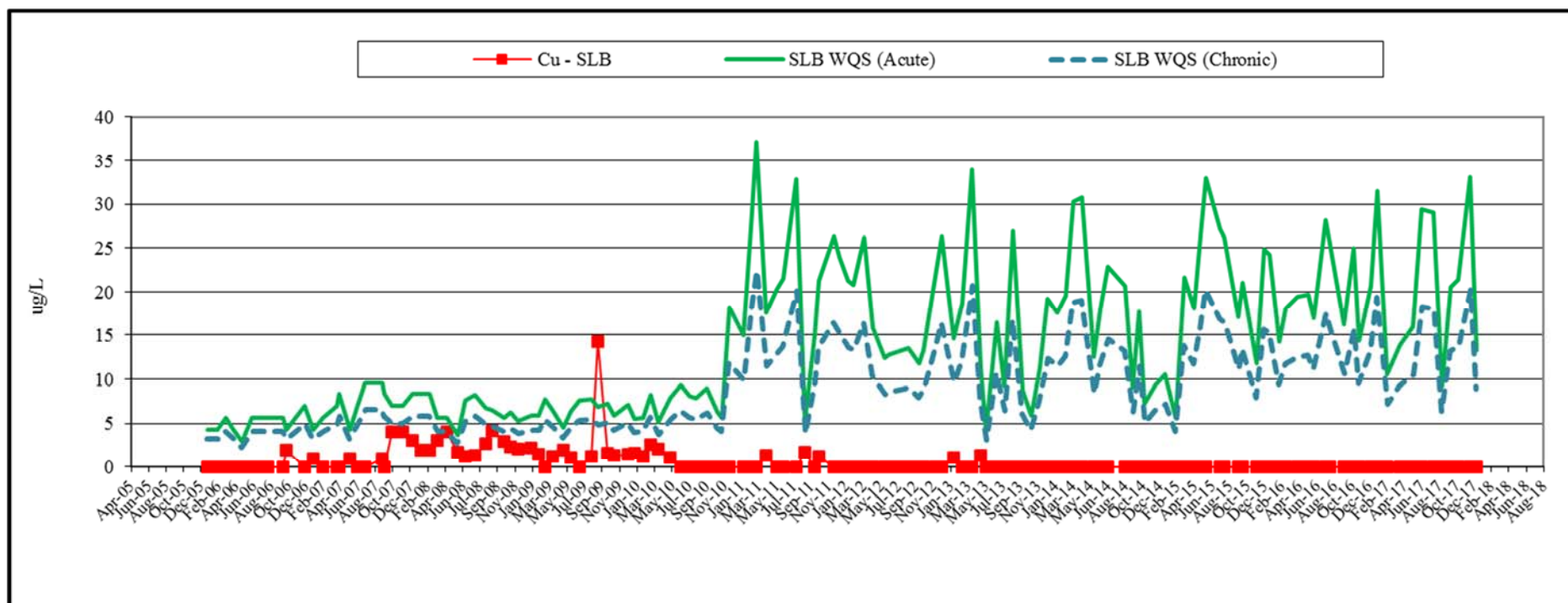


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

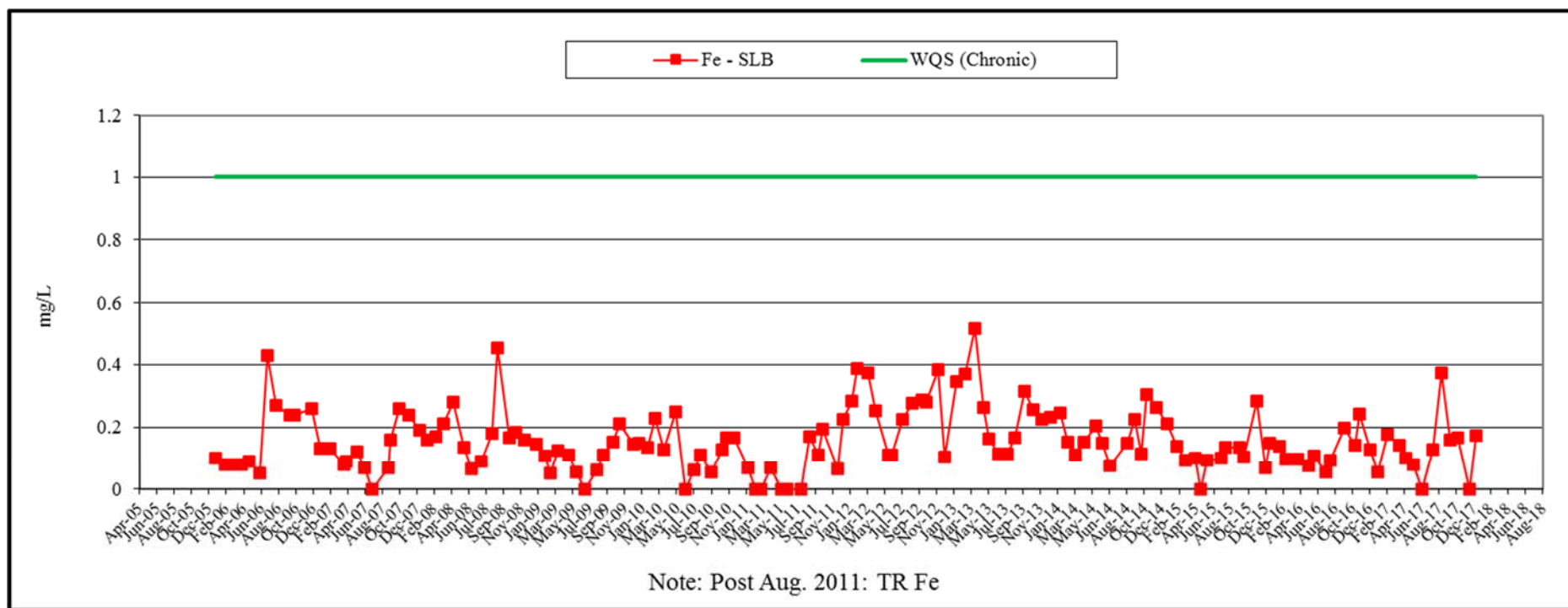


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

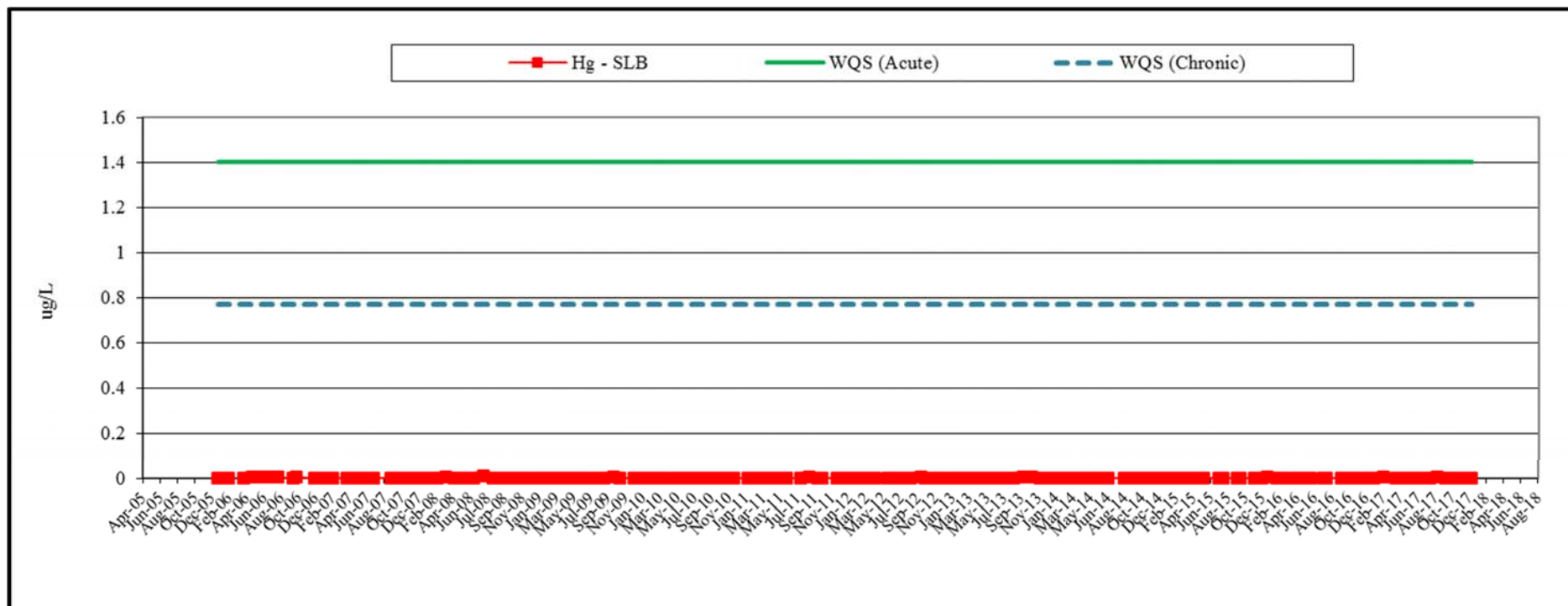


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

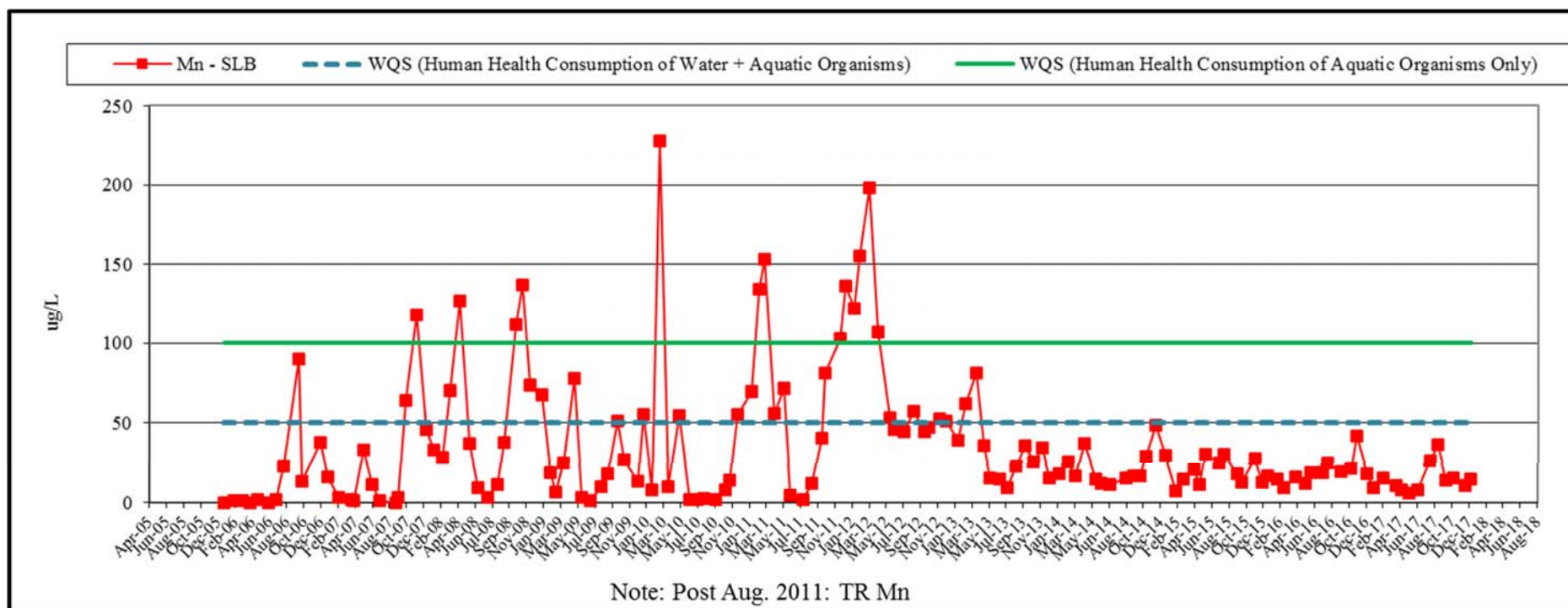


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

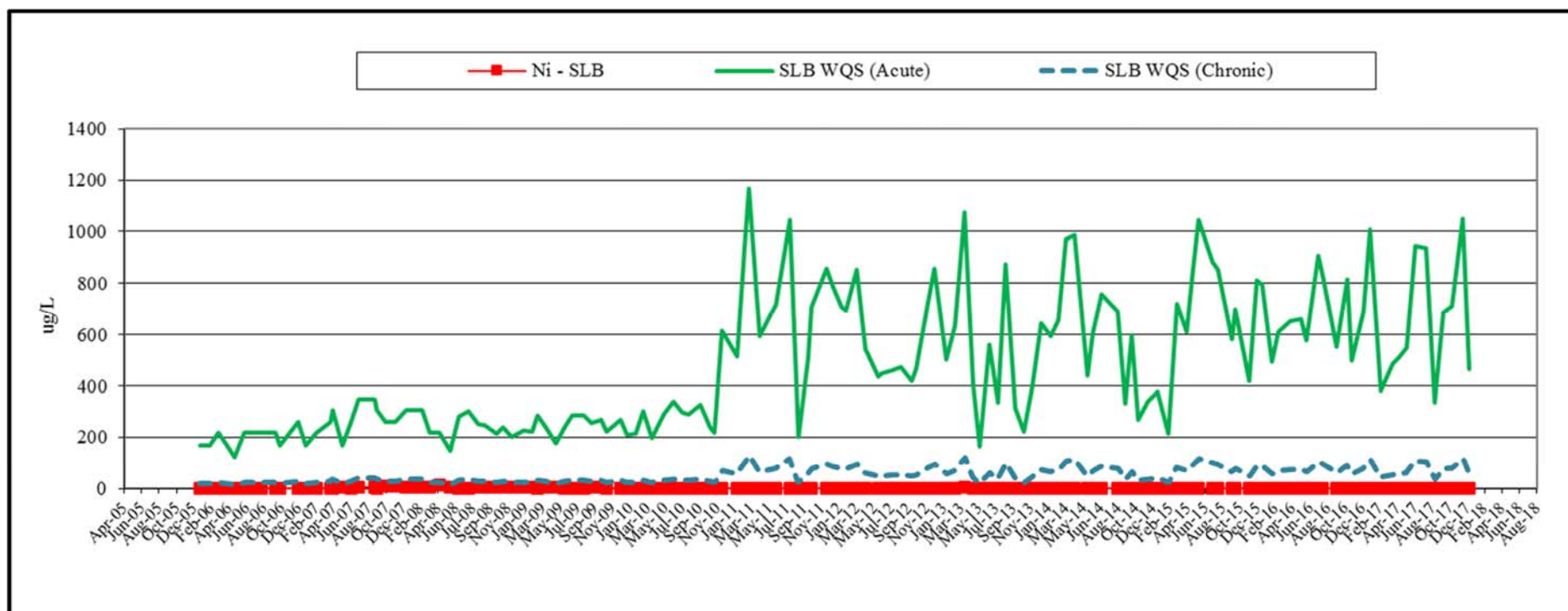


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

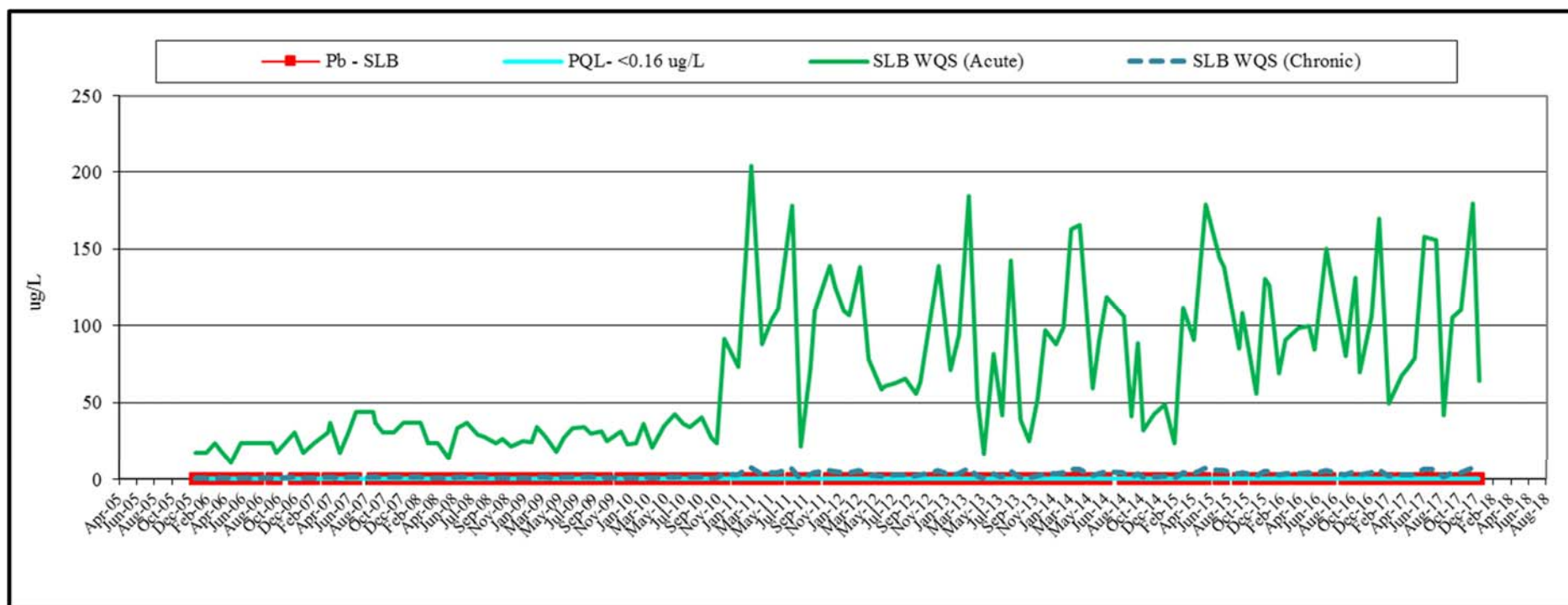


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

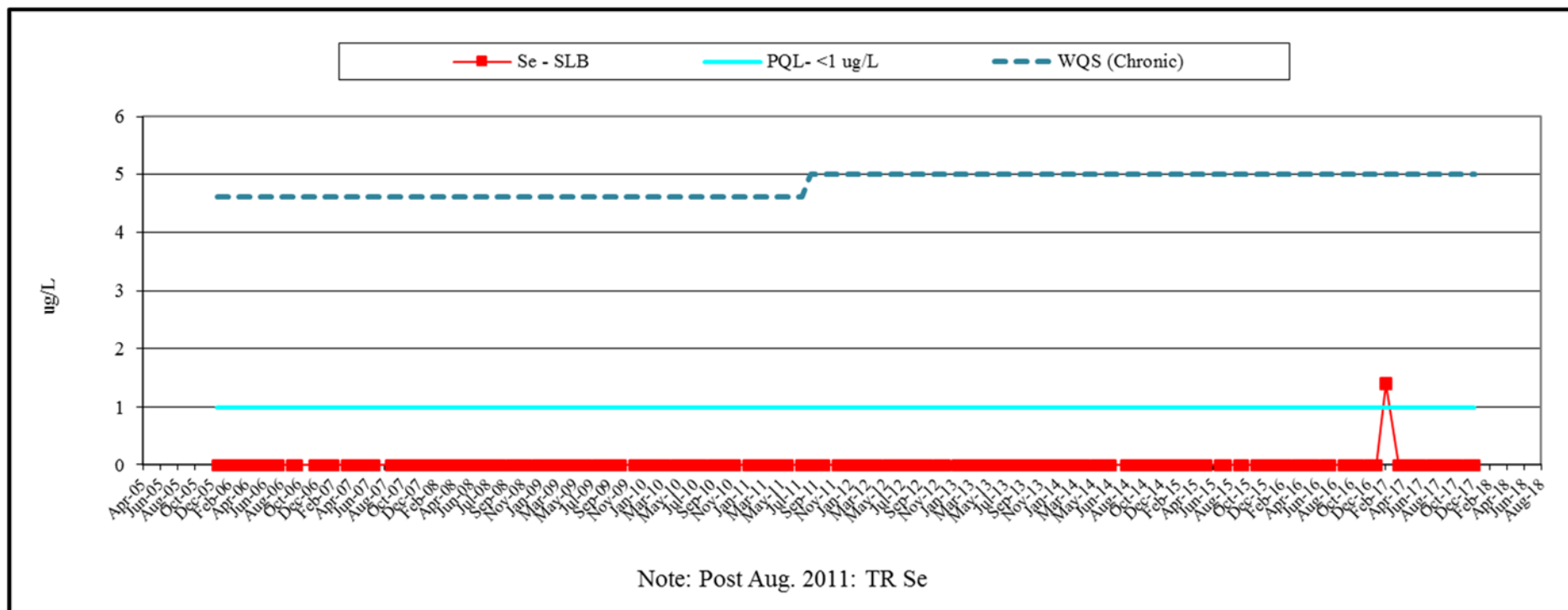


Figure 11c: Slate Creek (SLB) Results 2006-2017, Trace Chemistry

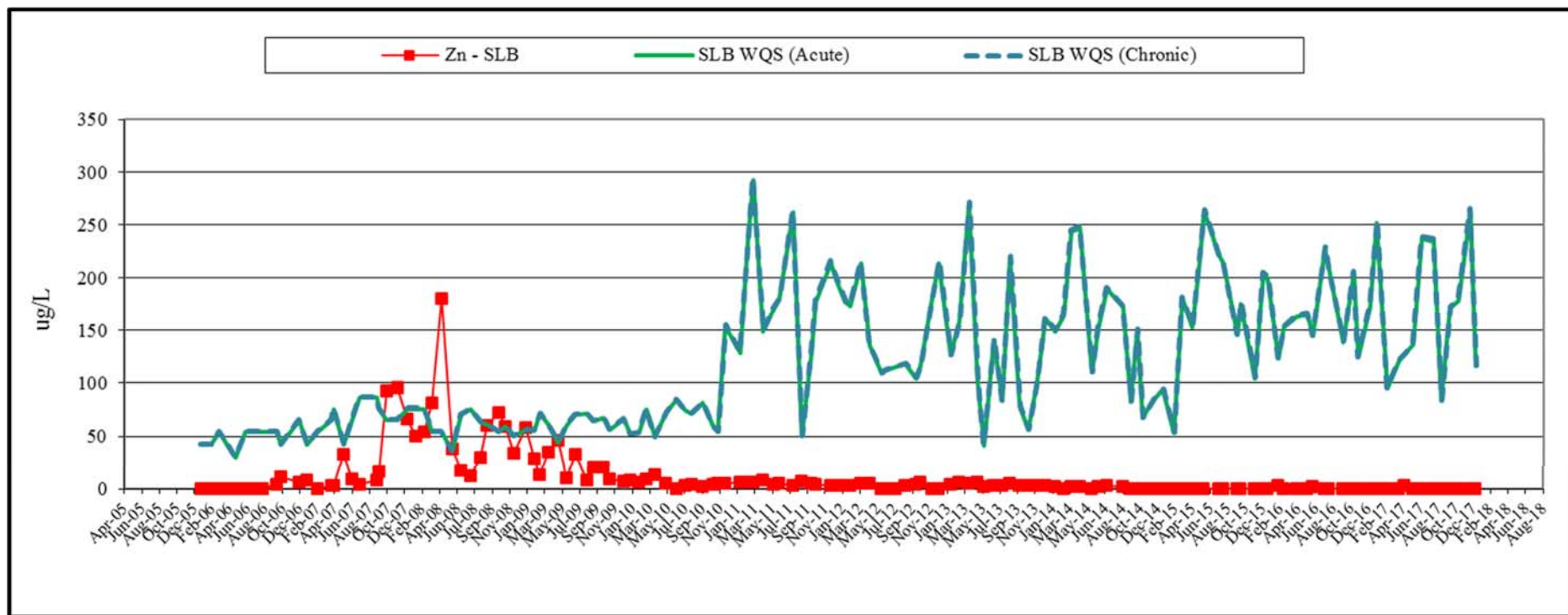


Figure 12a: Slate Creek (SLC) Monitoring Results 2006-2017, Field Parameters

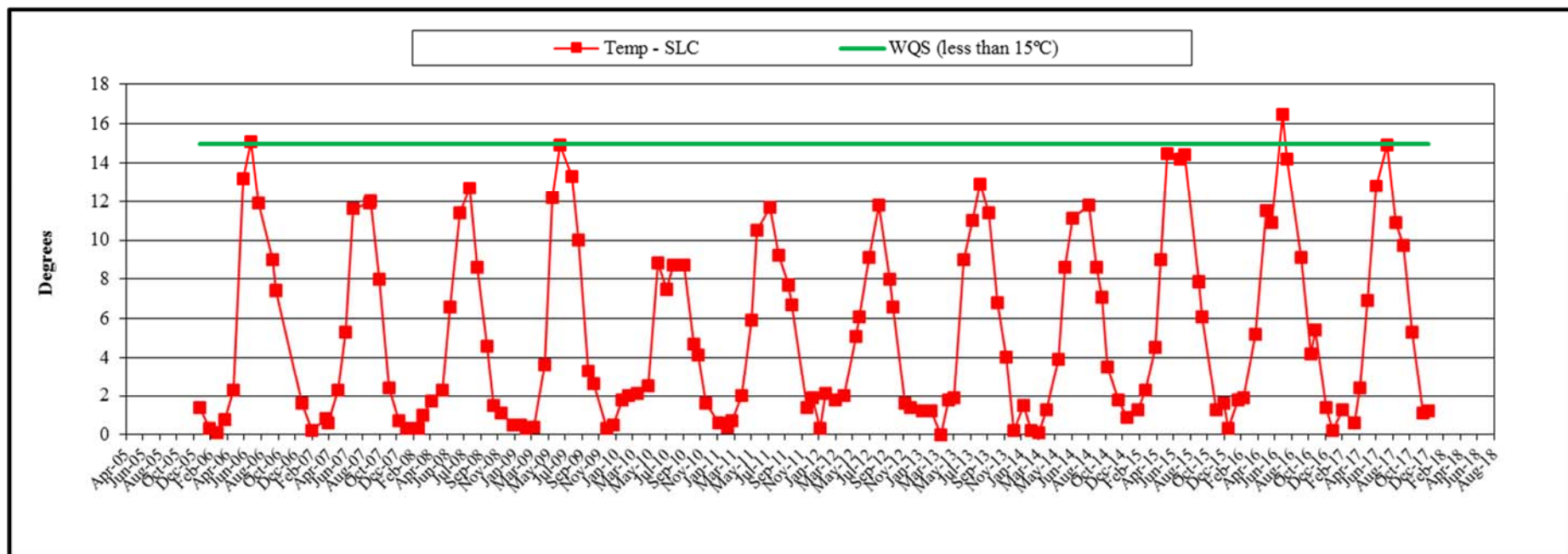


Figure 12a: Slate Creek (SLC) Monitoring Results 2006-2017, Field Parameters

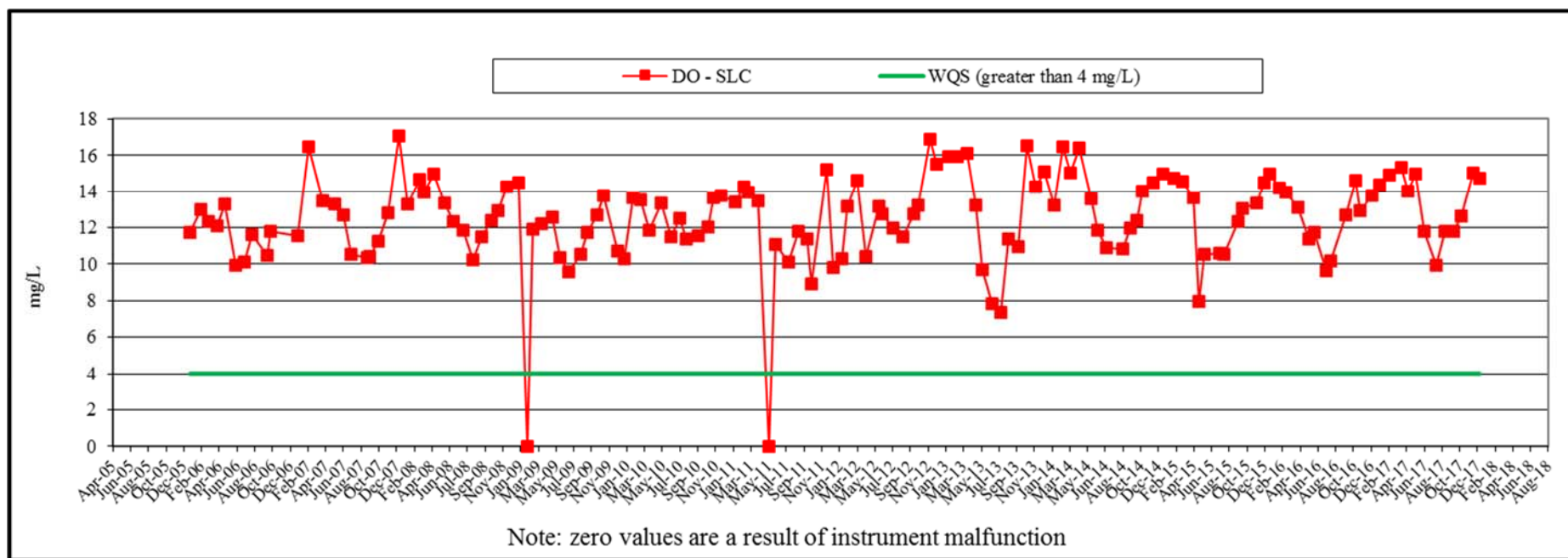


Figure 12a: Slate Creek (SLC) Monitoring Results 2006-2017, Field Parameters

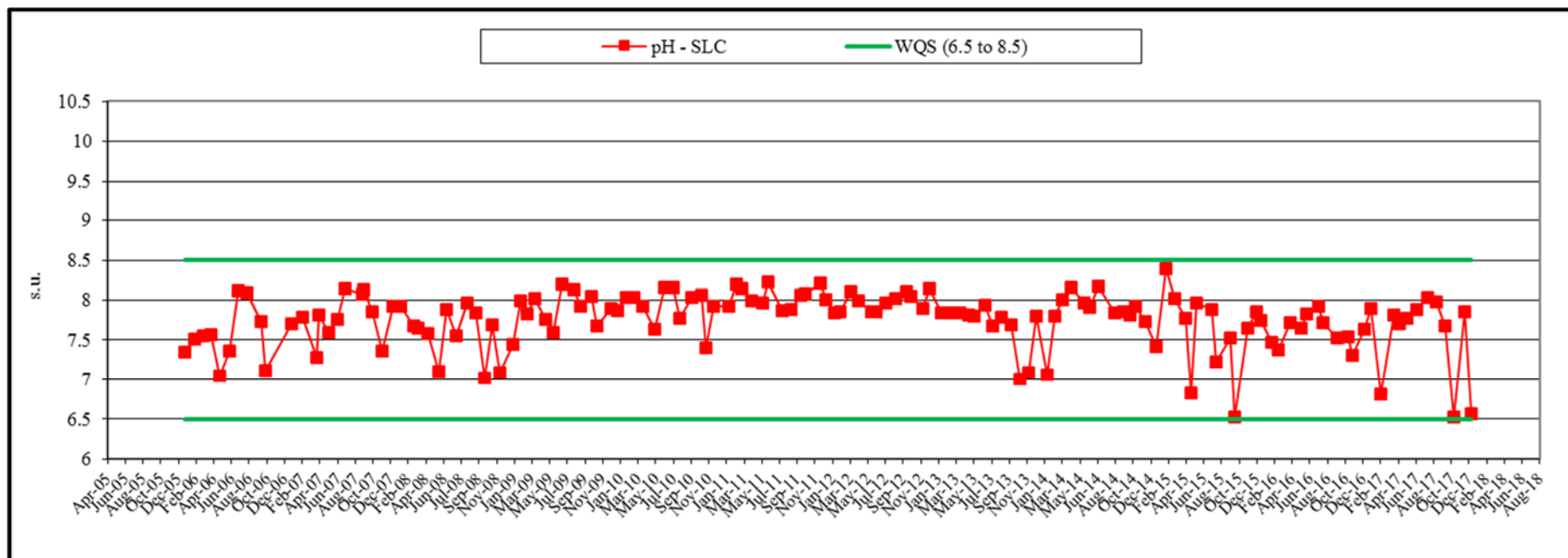


Figure 12a: Slate Creek (SLC) Monitoring Results 2006-2017, Field Parameters

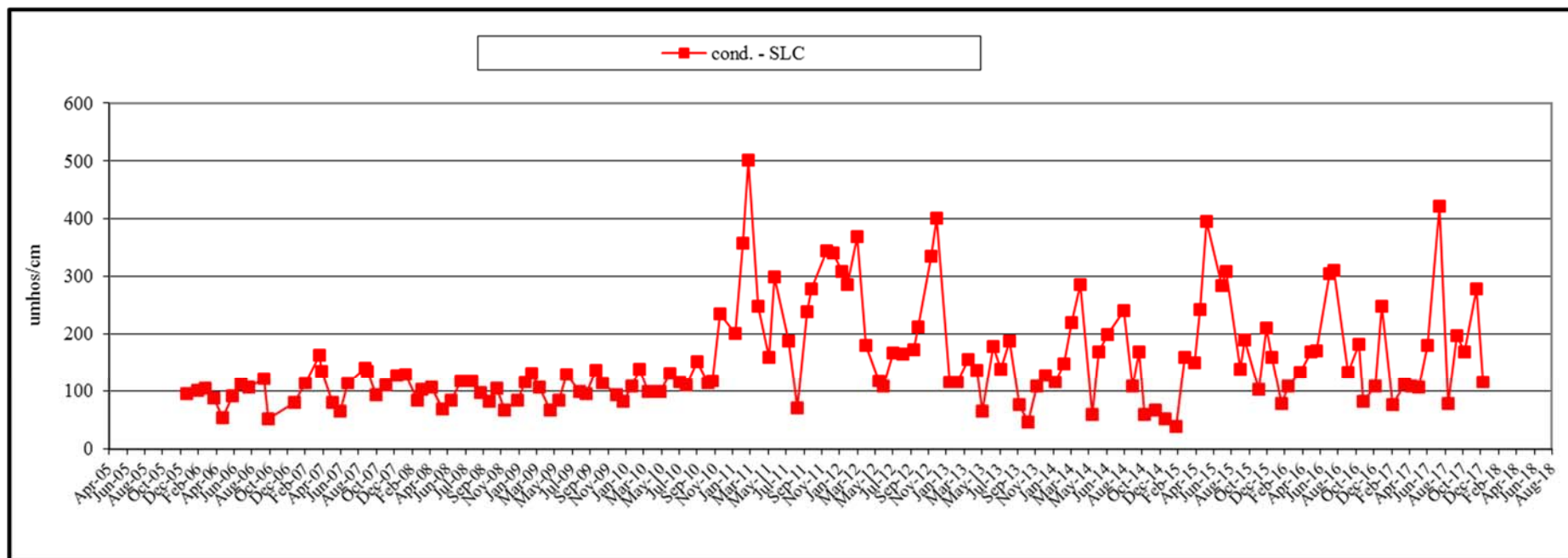


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

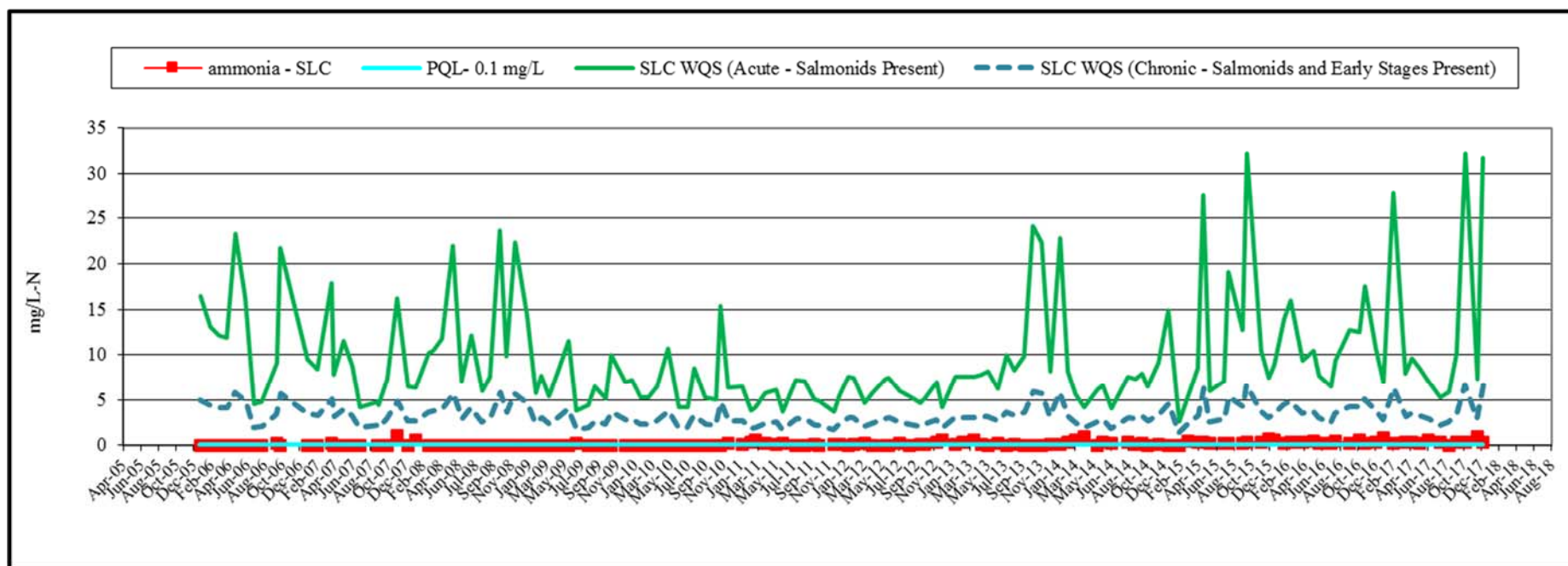


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

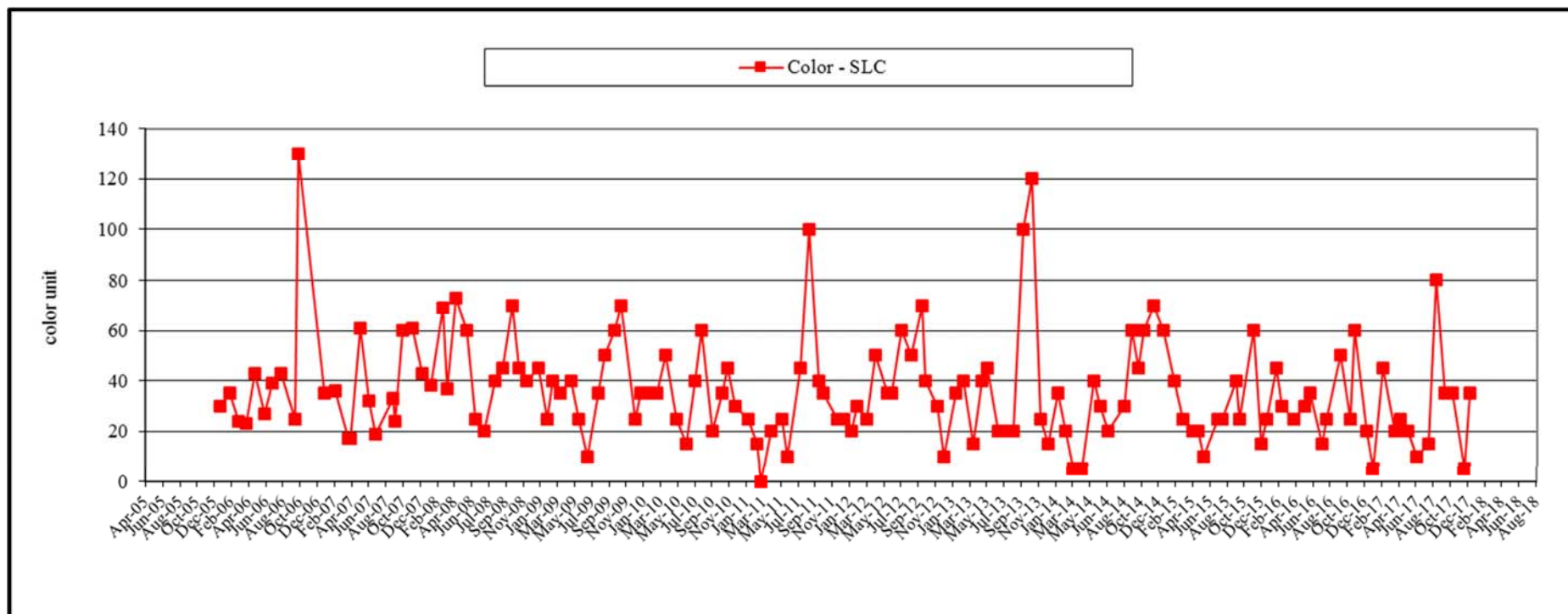


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

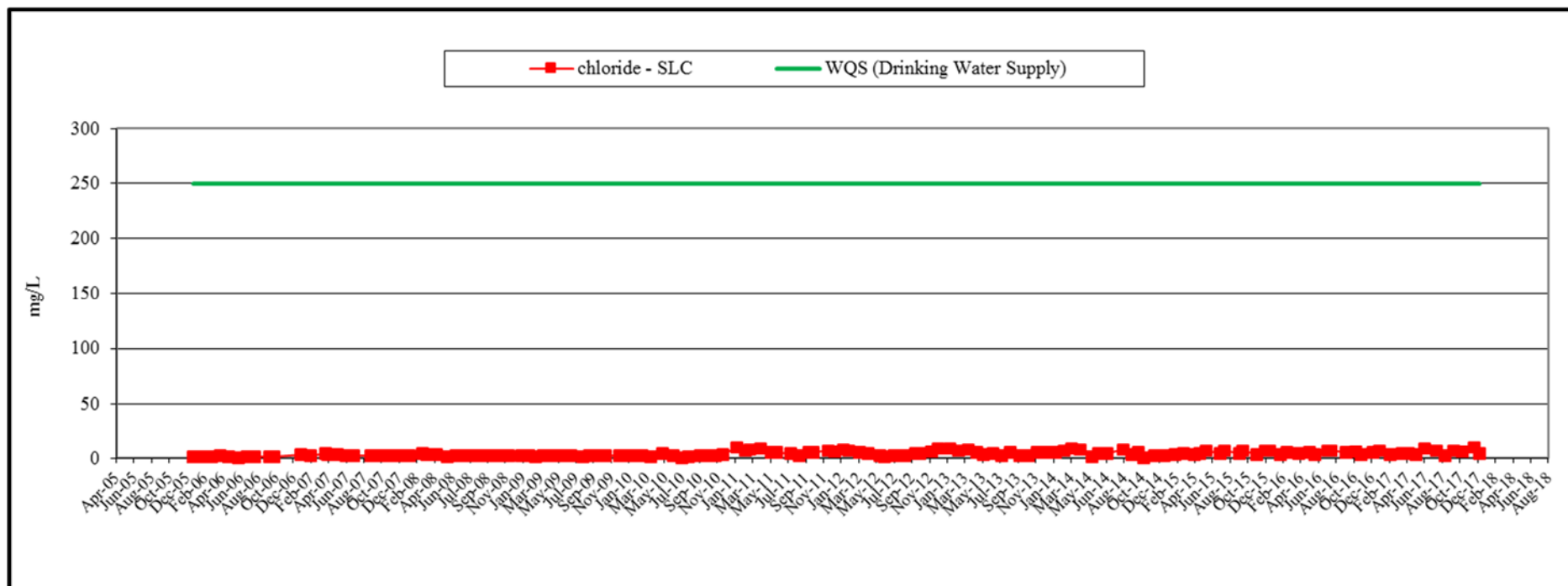


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

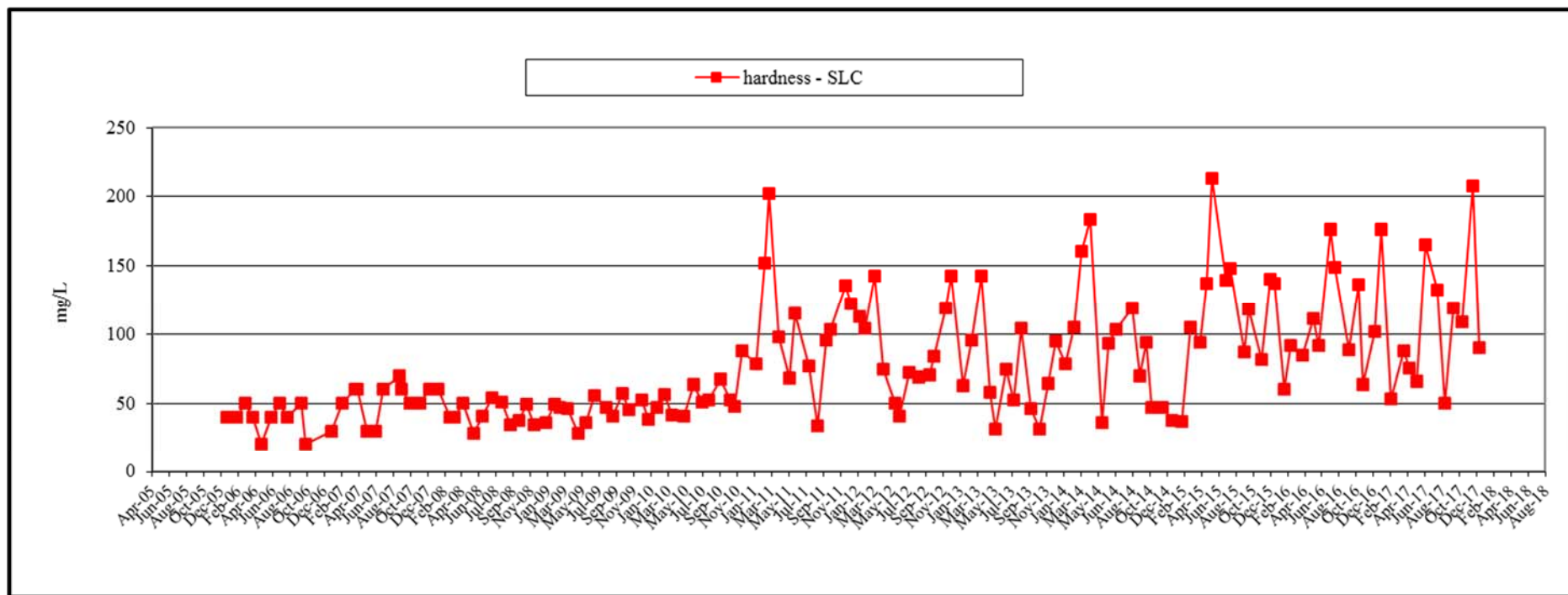


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

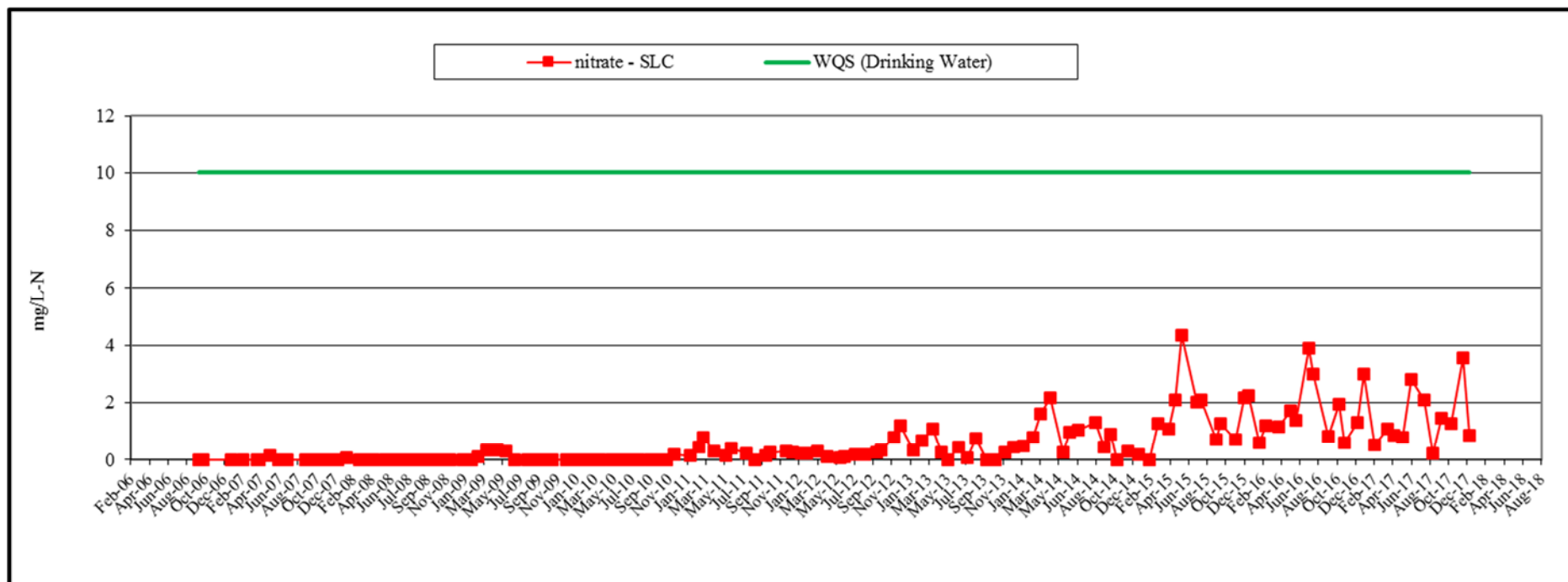


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

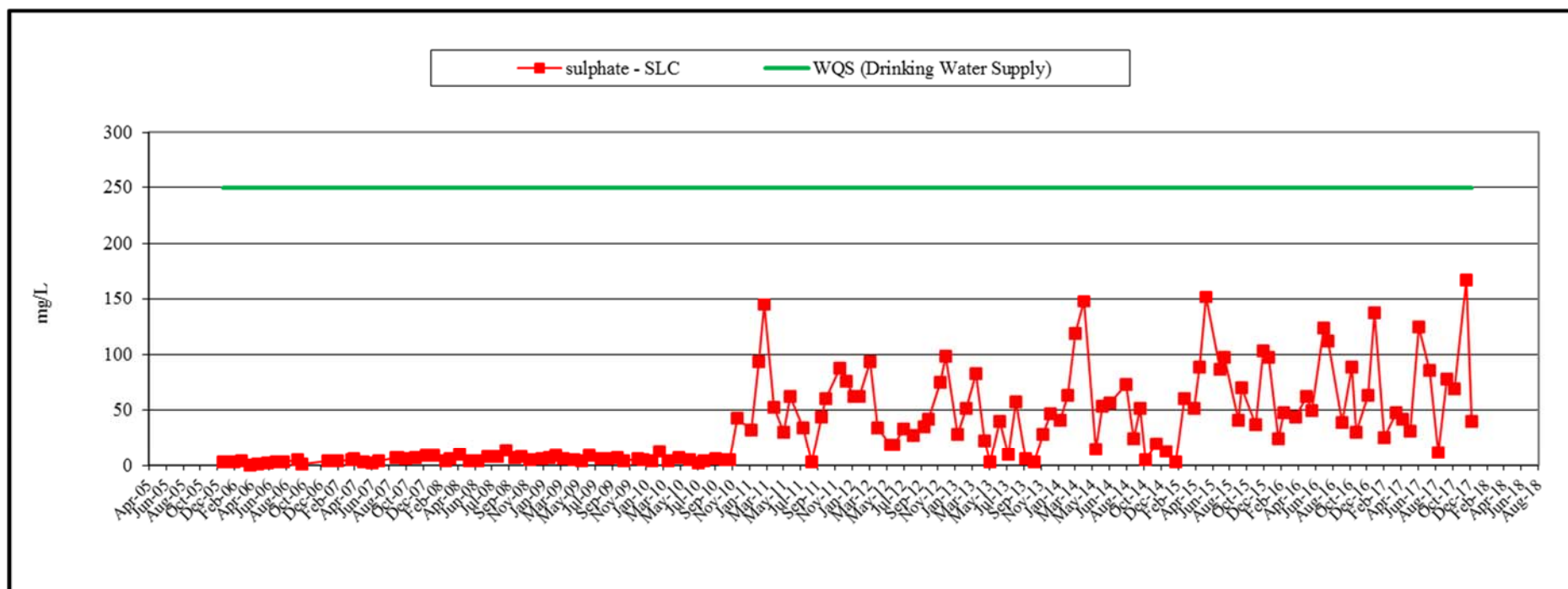


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

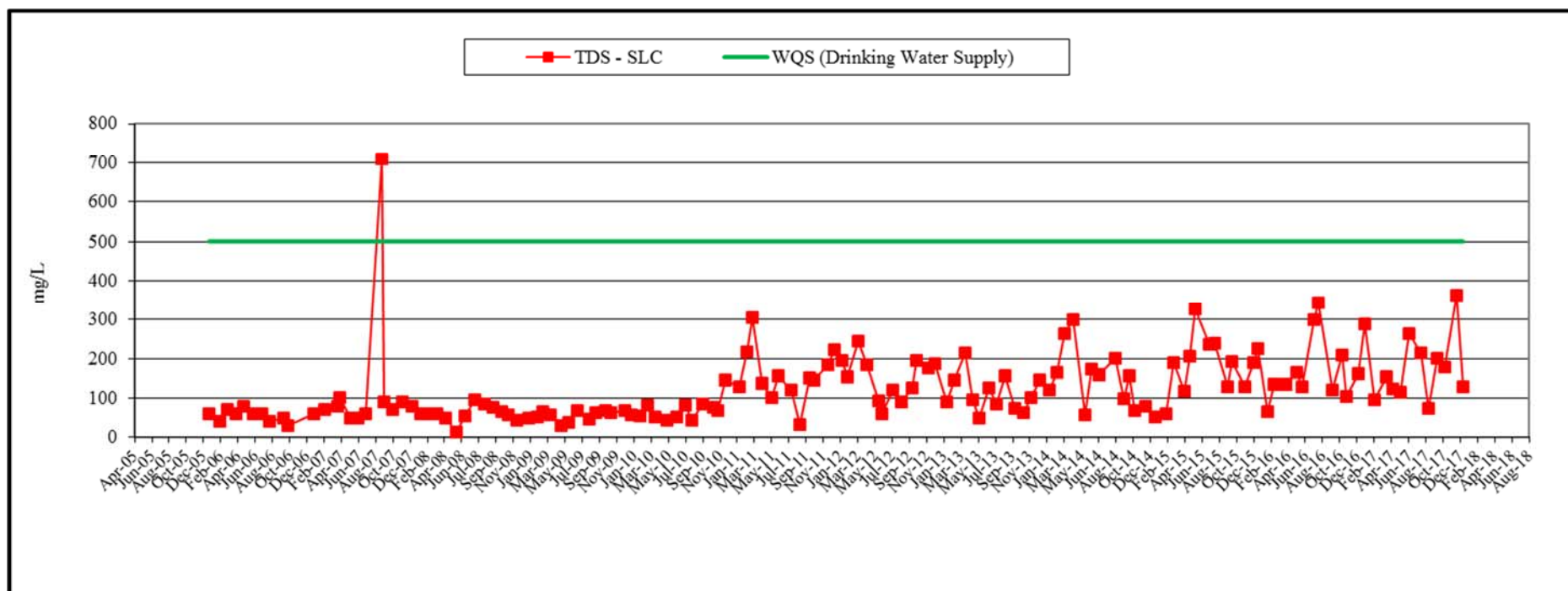


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

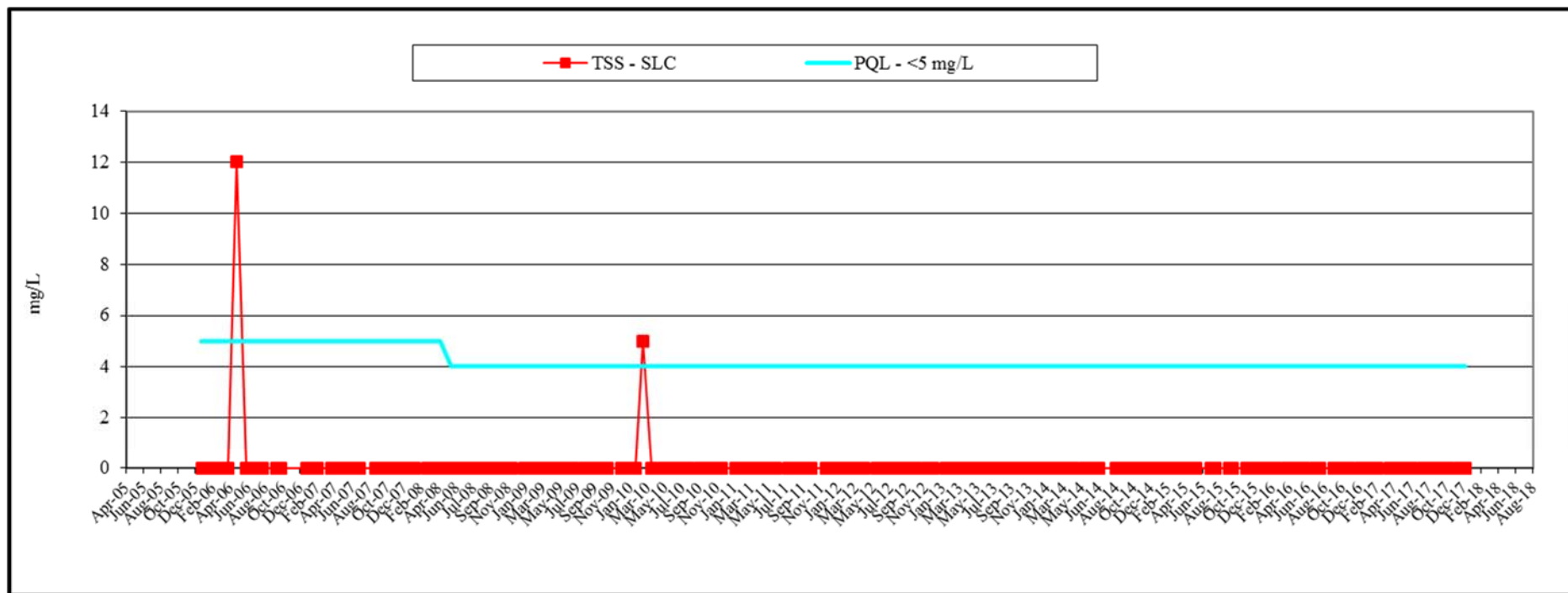


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

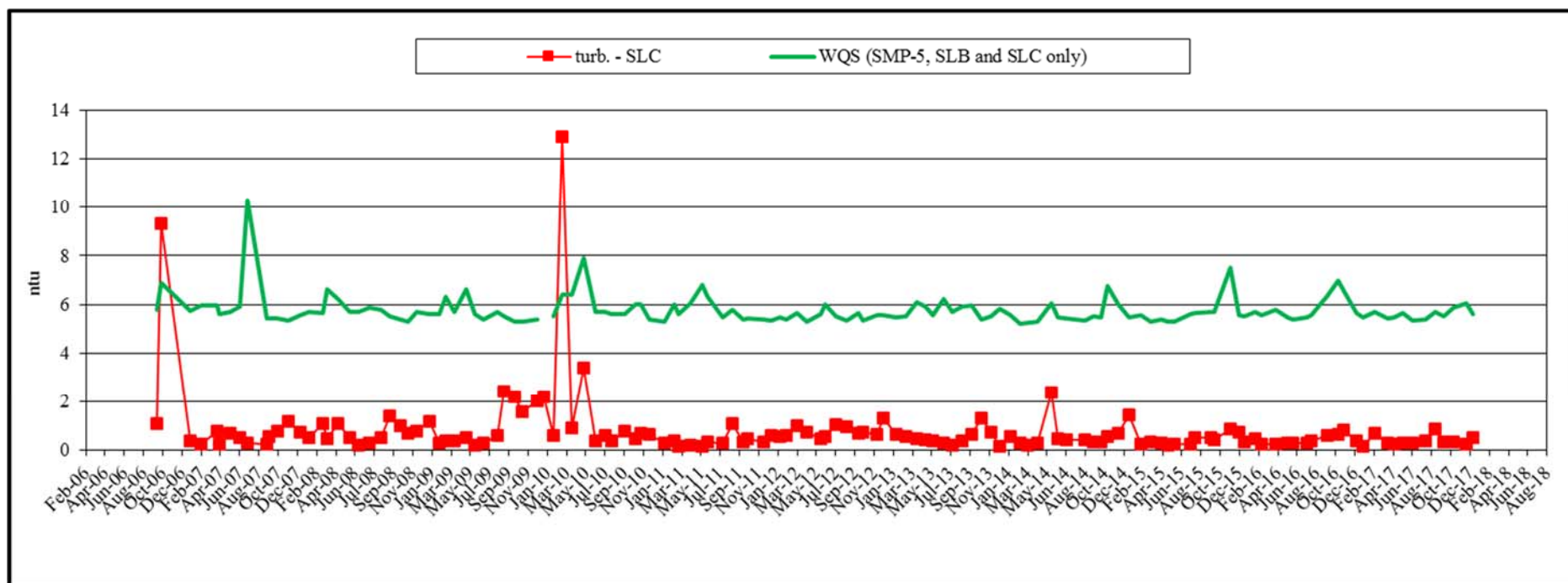


Figure 12b: Slate Creek (SLC) Monitoring Results 2006-2017, Major Chemistry

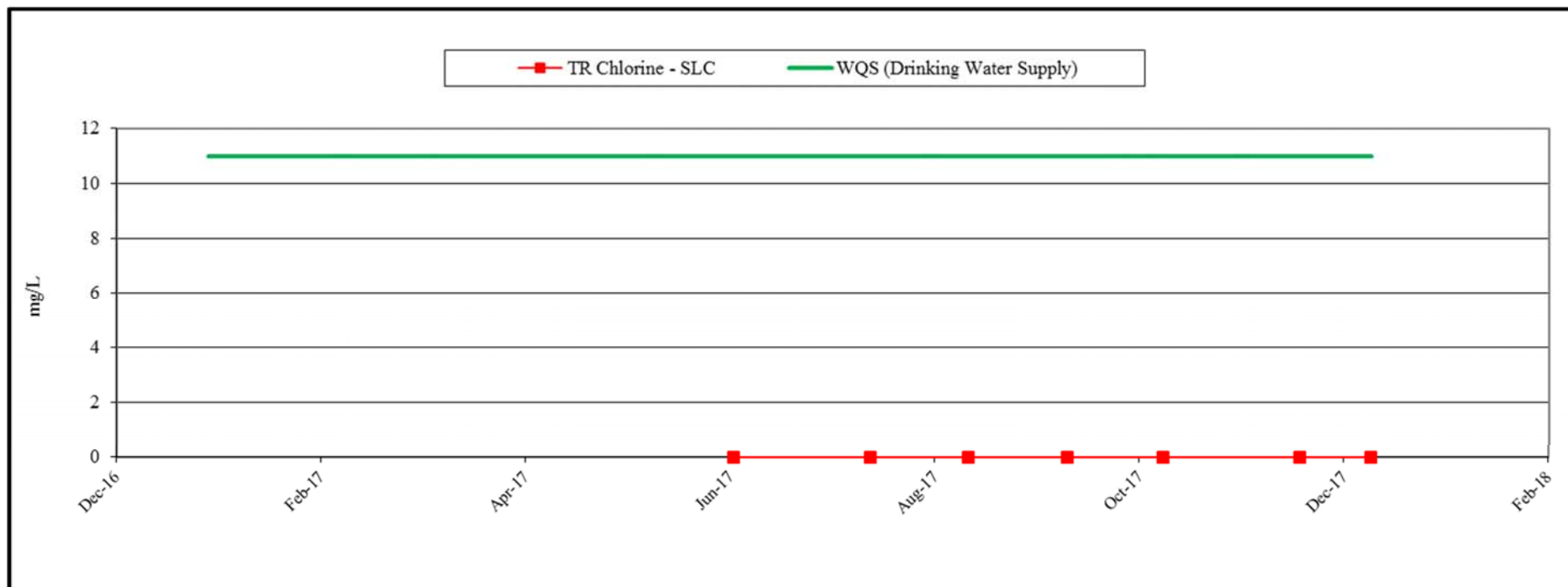


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

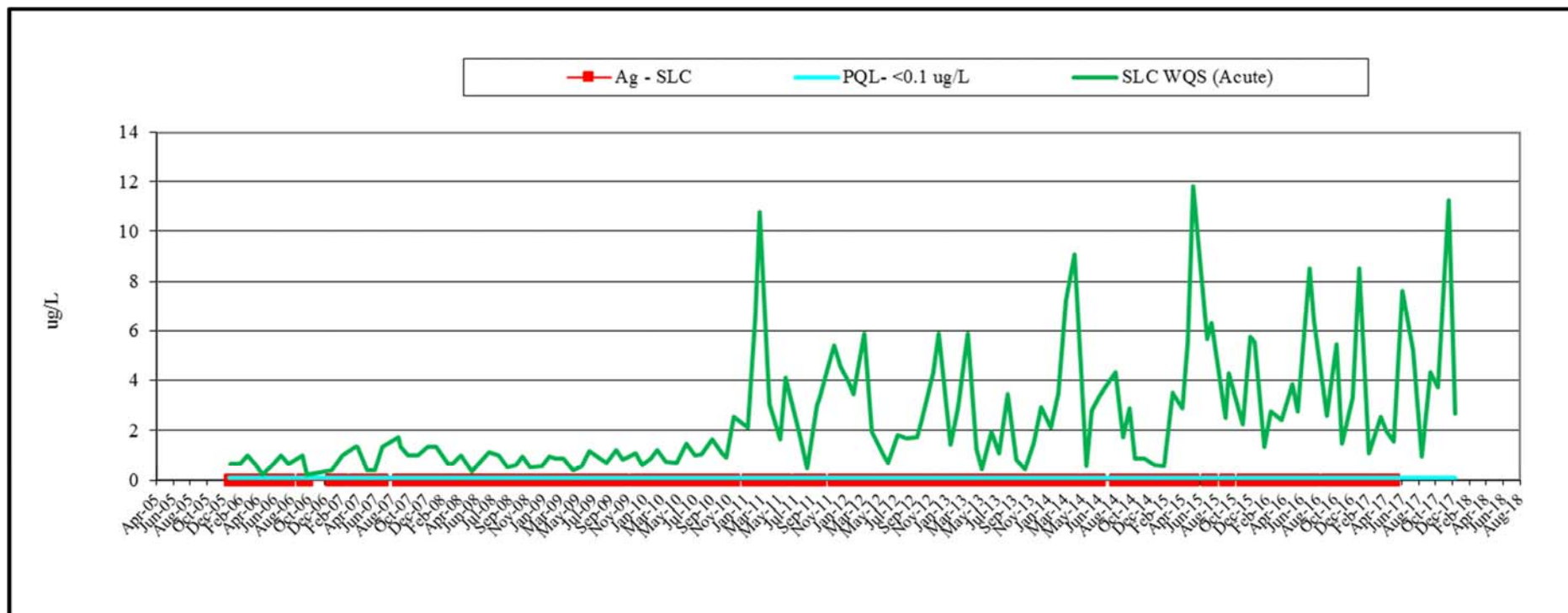


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

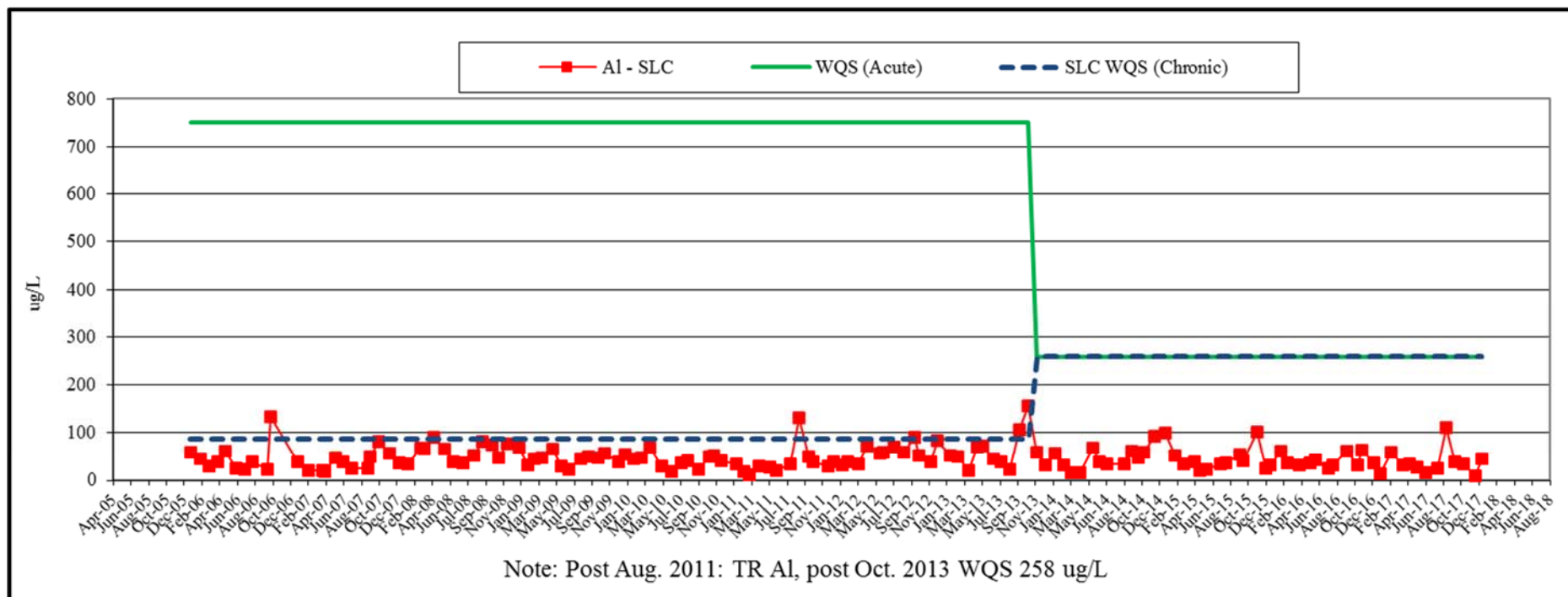


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

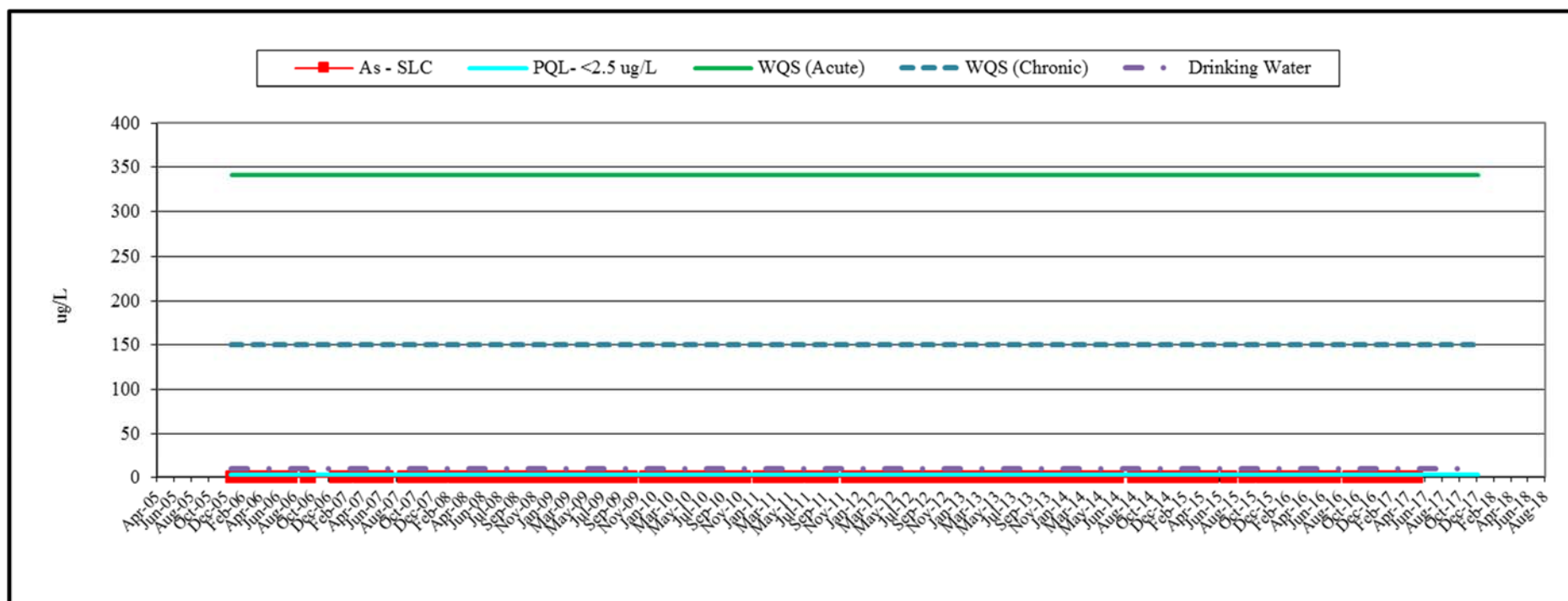


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

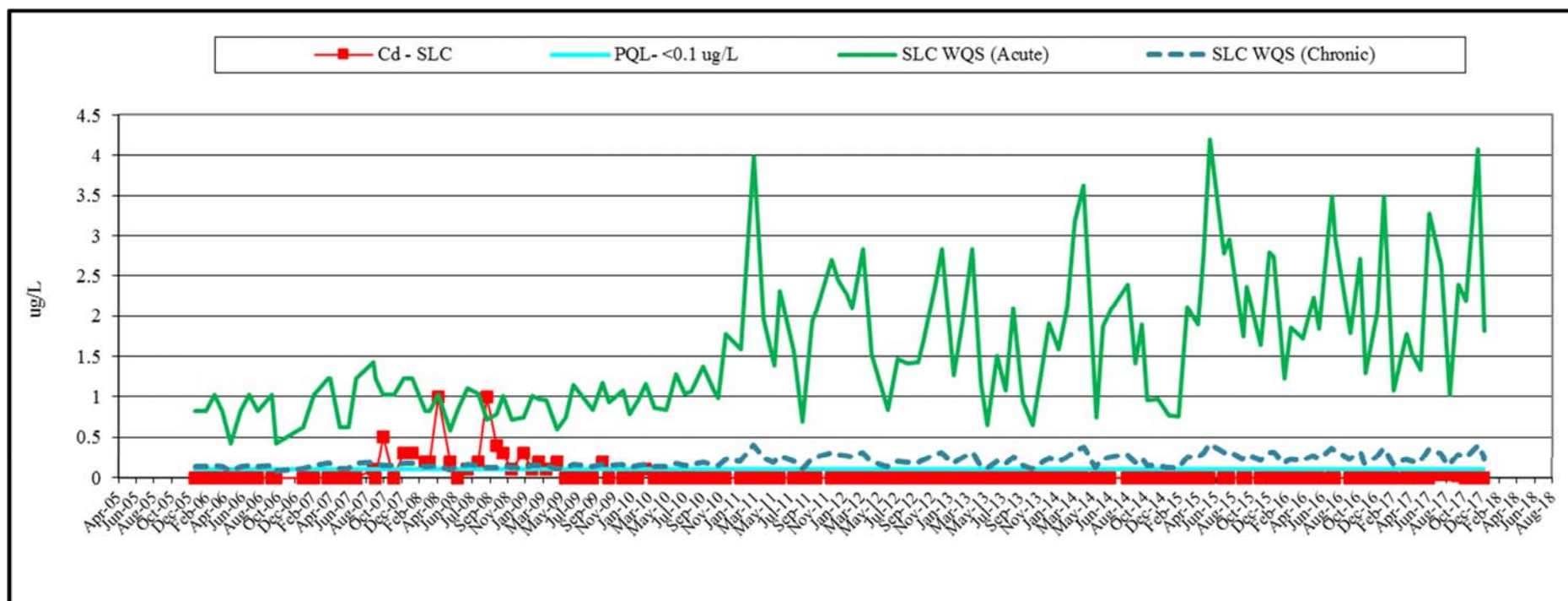


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

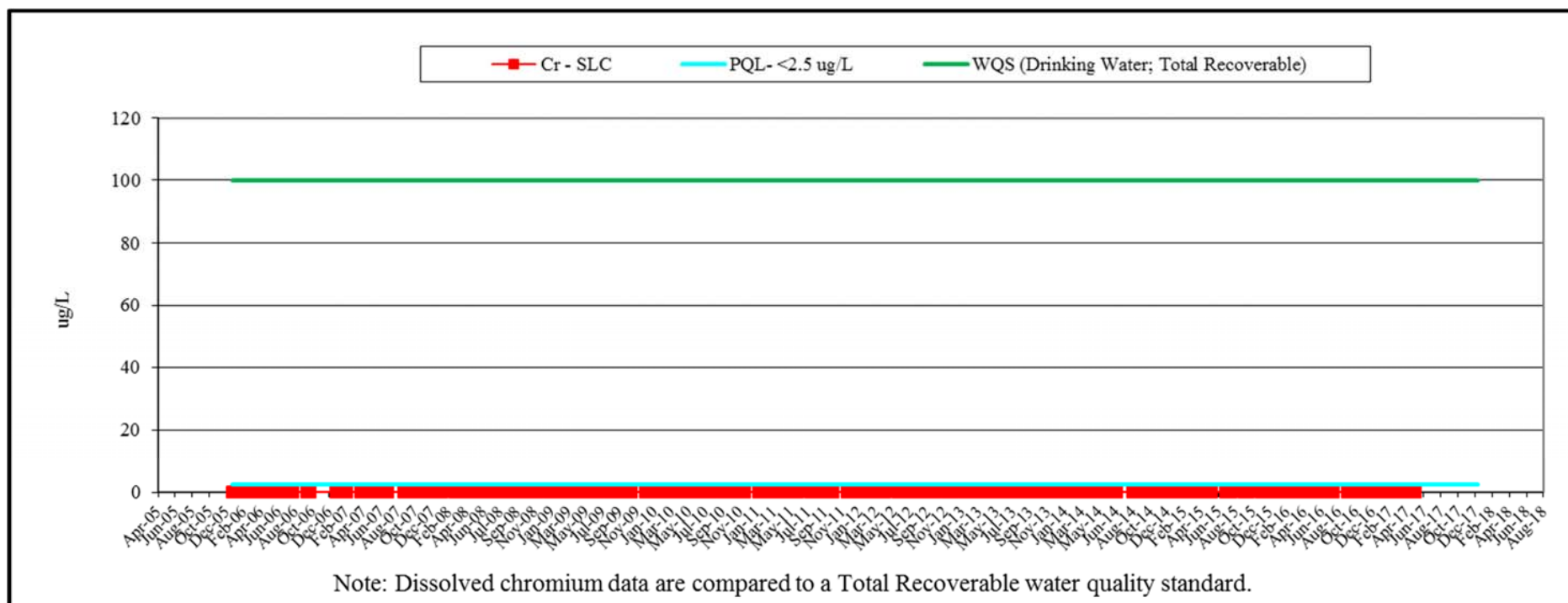


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

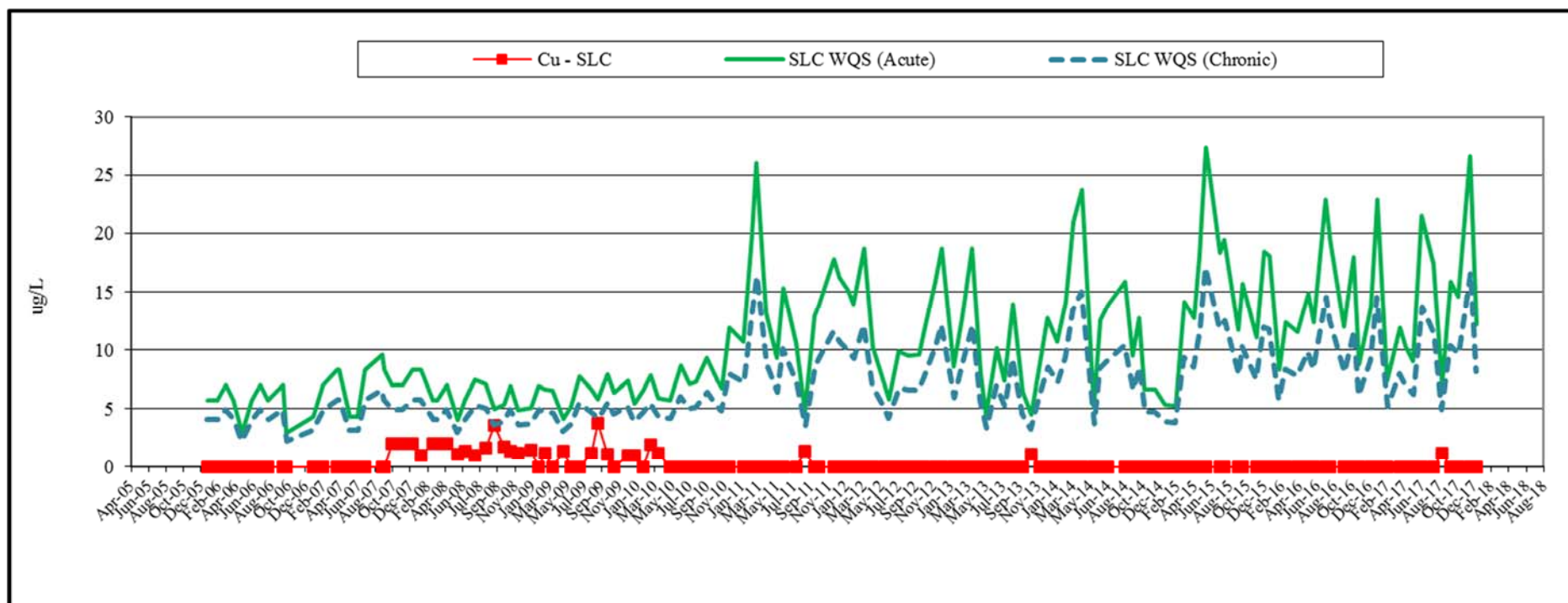


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

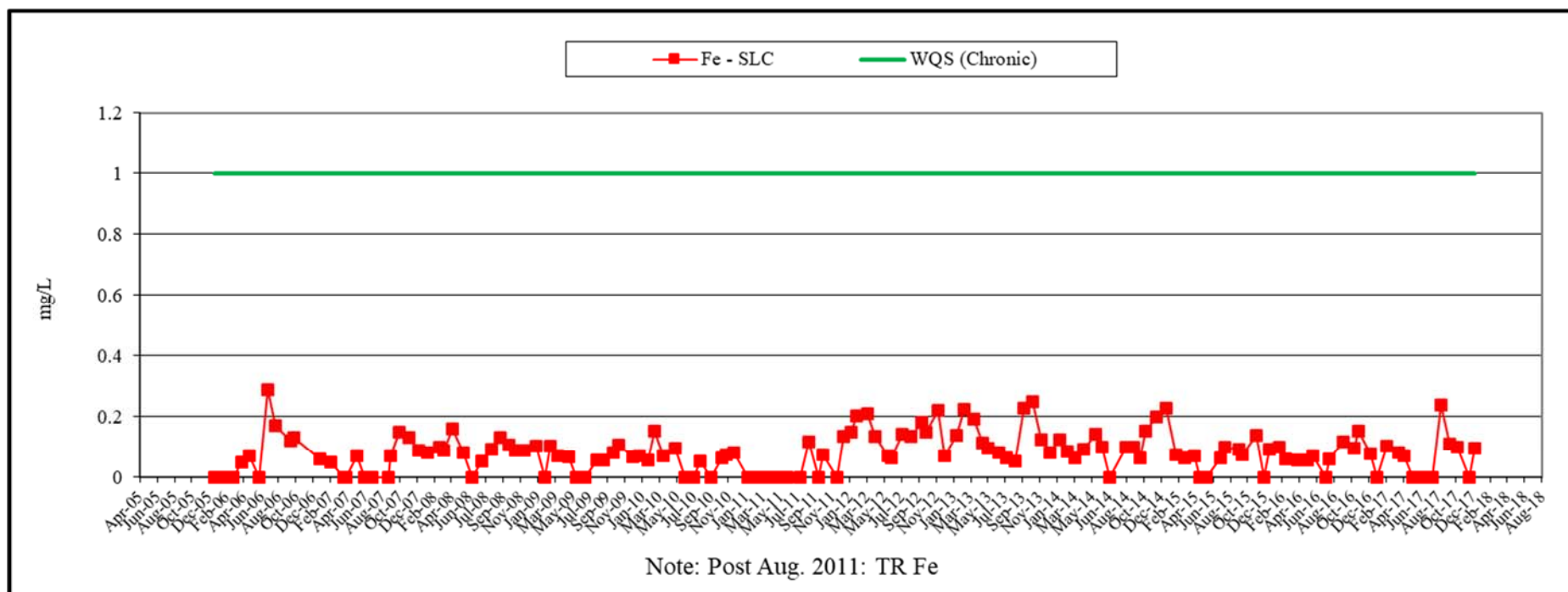


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

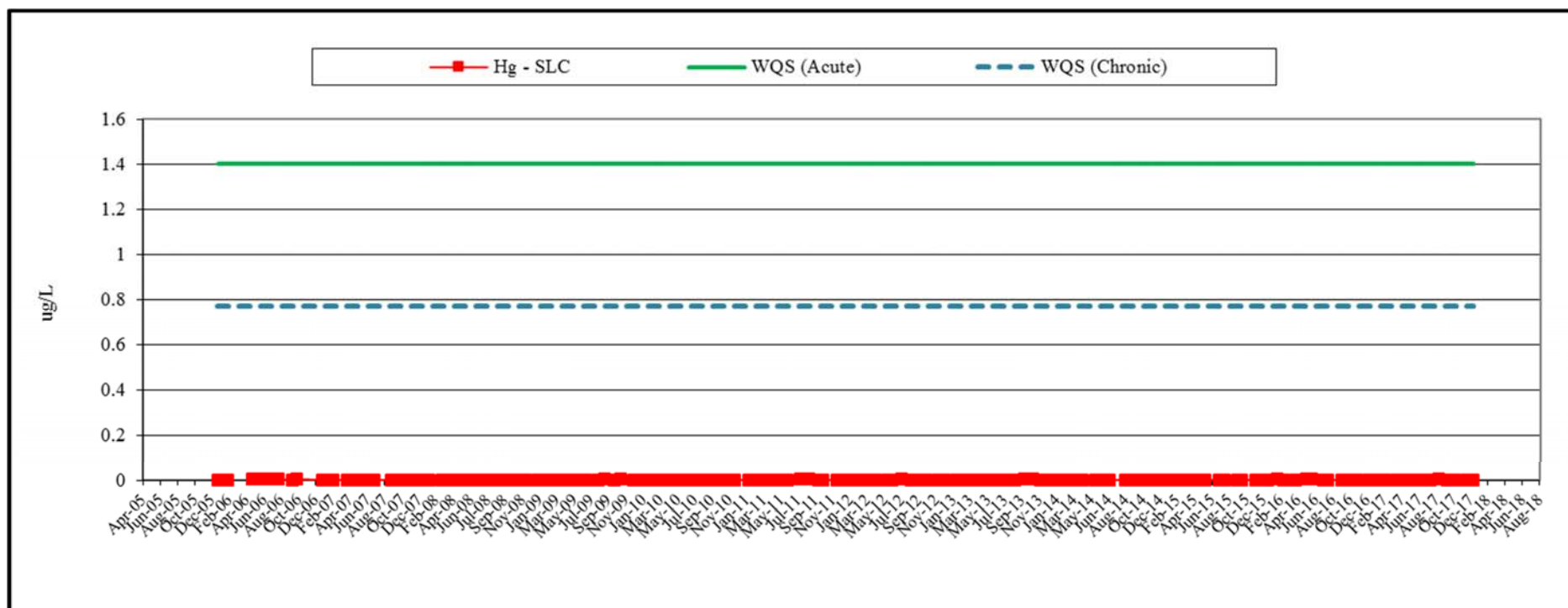


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

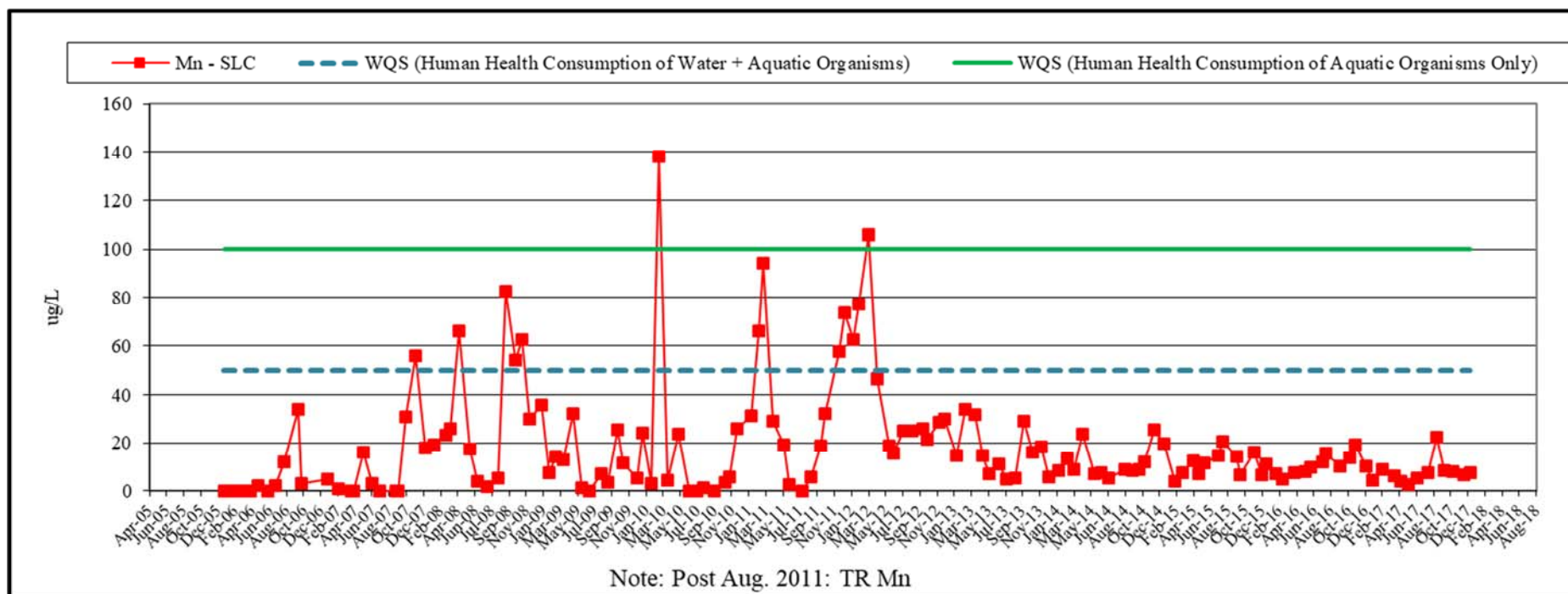


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

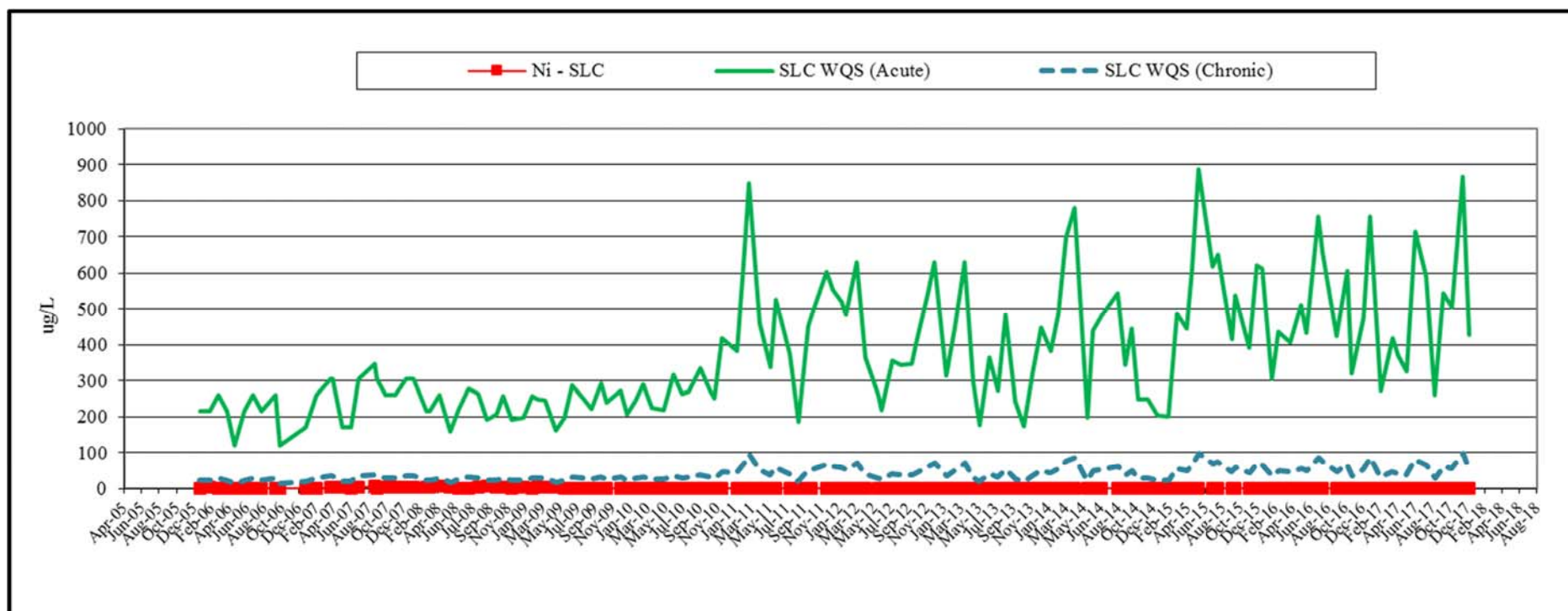


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

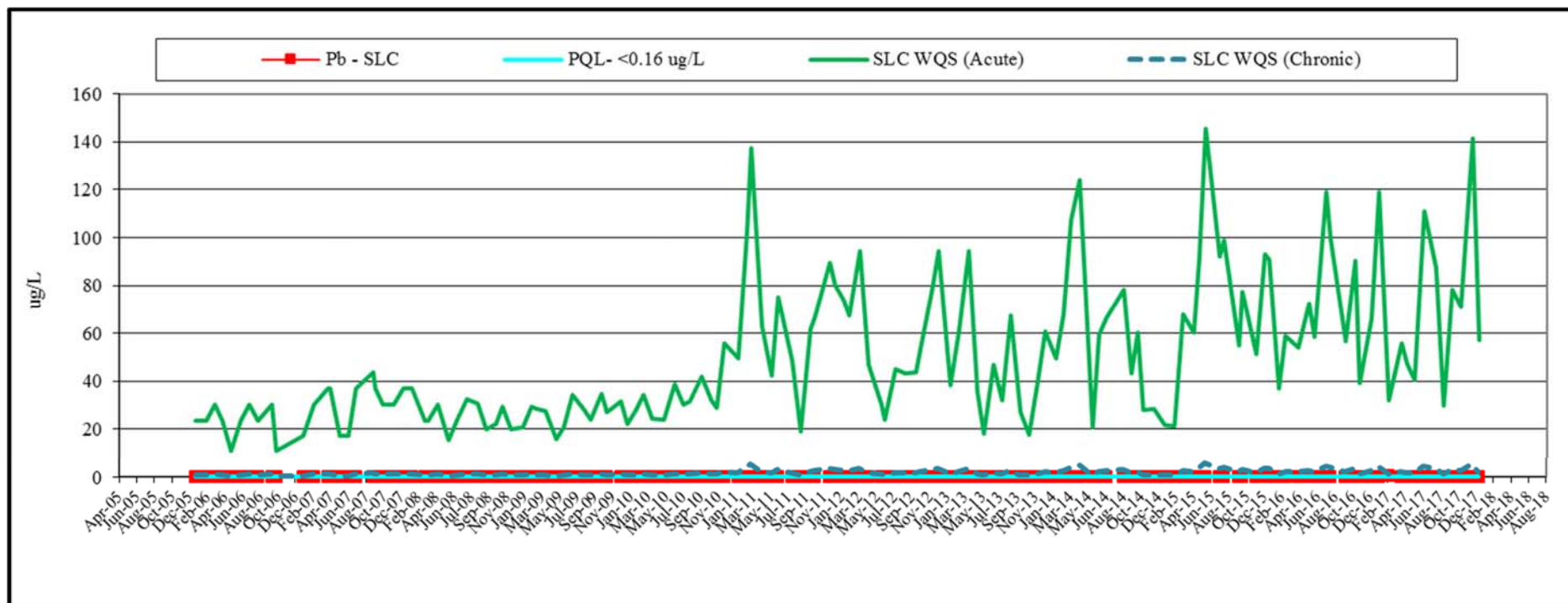


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

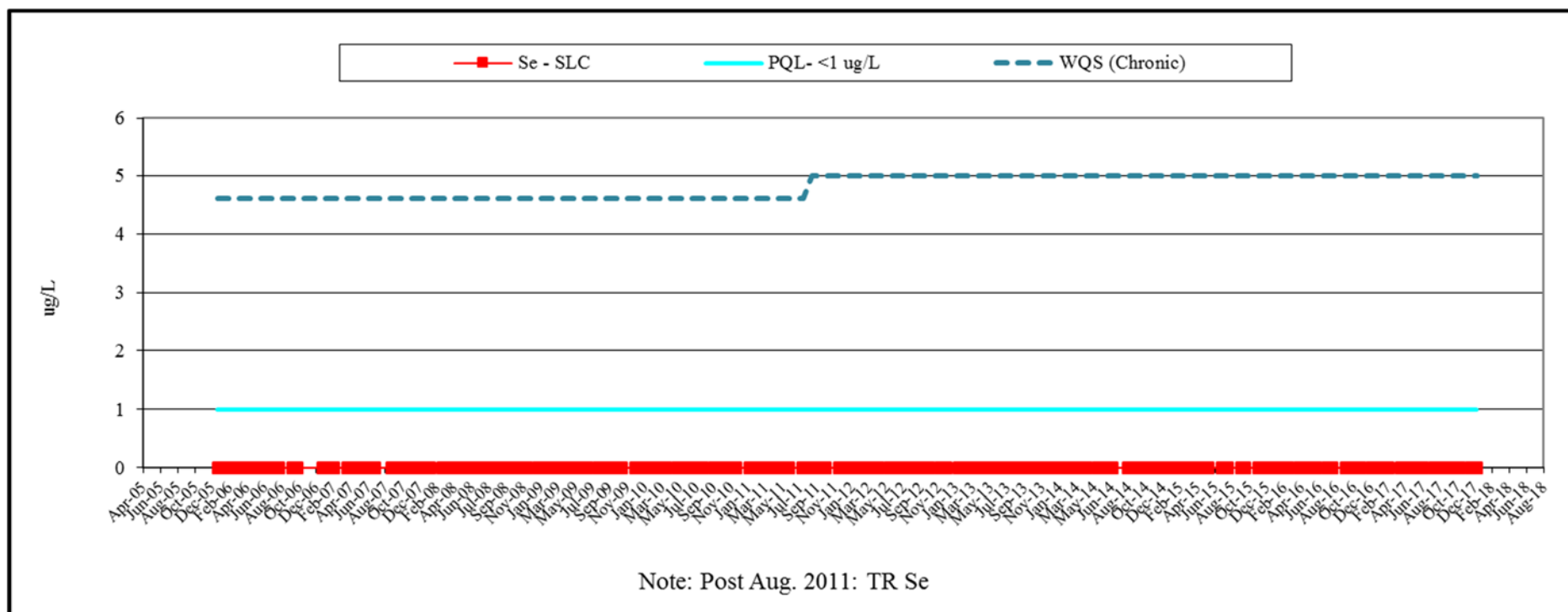


Figure 12c: Slate Creek (SLC) Monitoring Results 2006-2017, Trace Chemistry

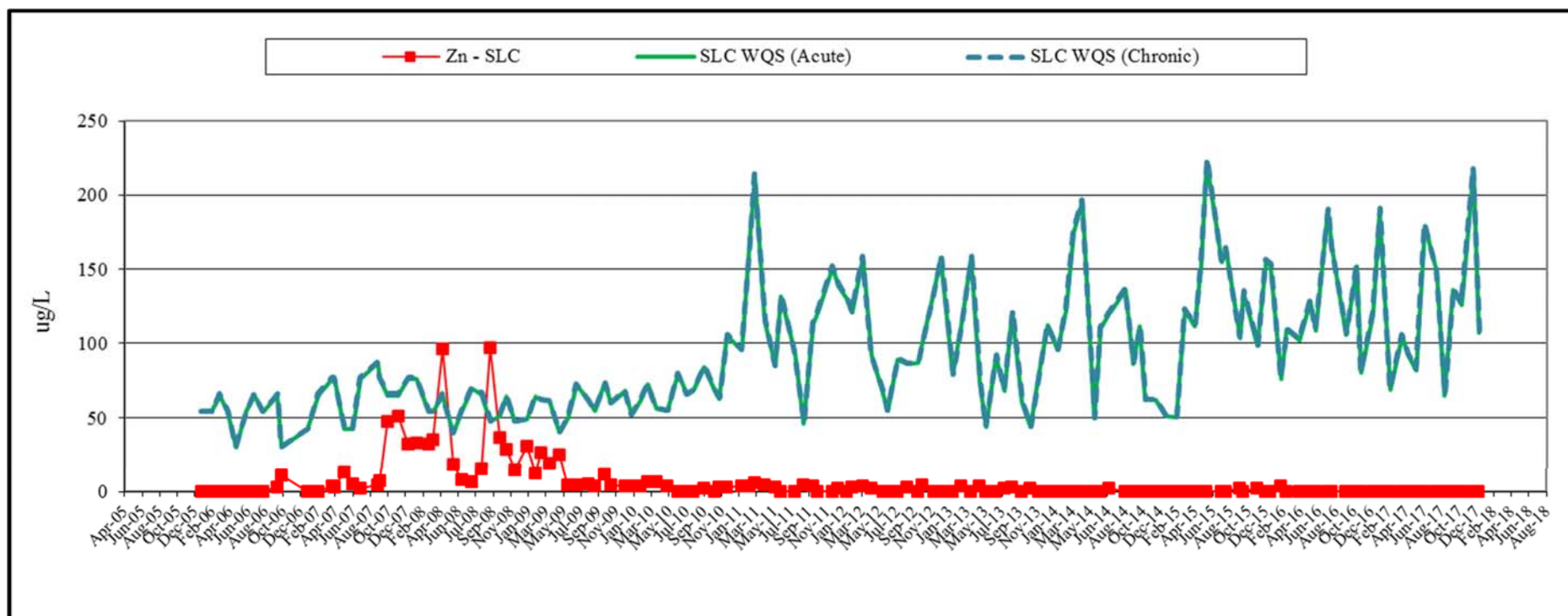


Figure 13a Sherman Creek (SH105) Monitoring Results 2006-2017, Field Parameters

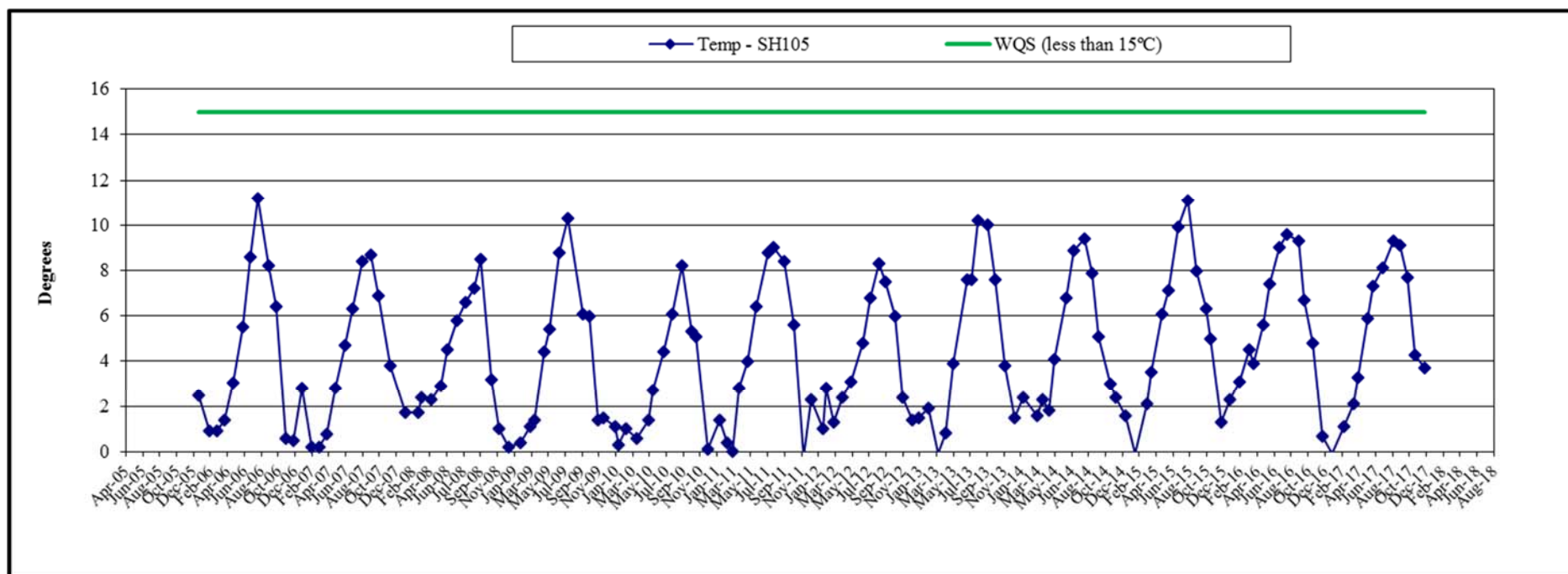


Figure 13a Sherman Creek (SH105) Monitoring Results 2006-2017, Field Parameters

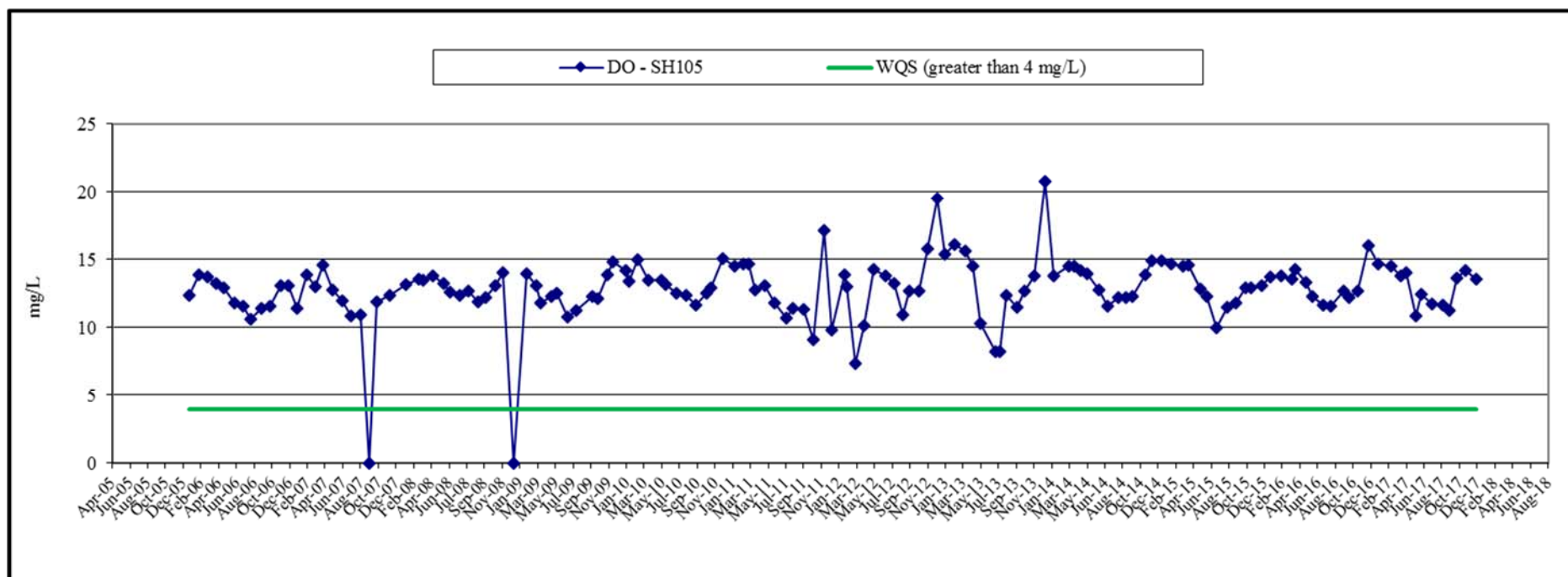


Figure 13a Sherman Creek (SH105) Monitoring Results 2006-2017, Field Parameters

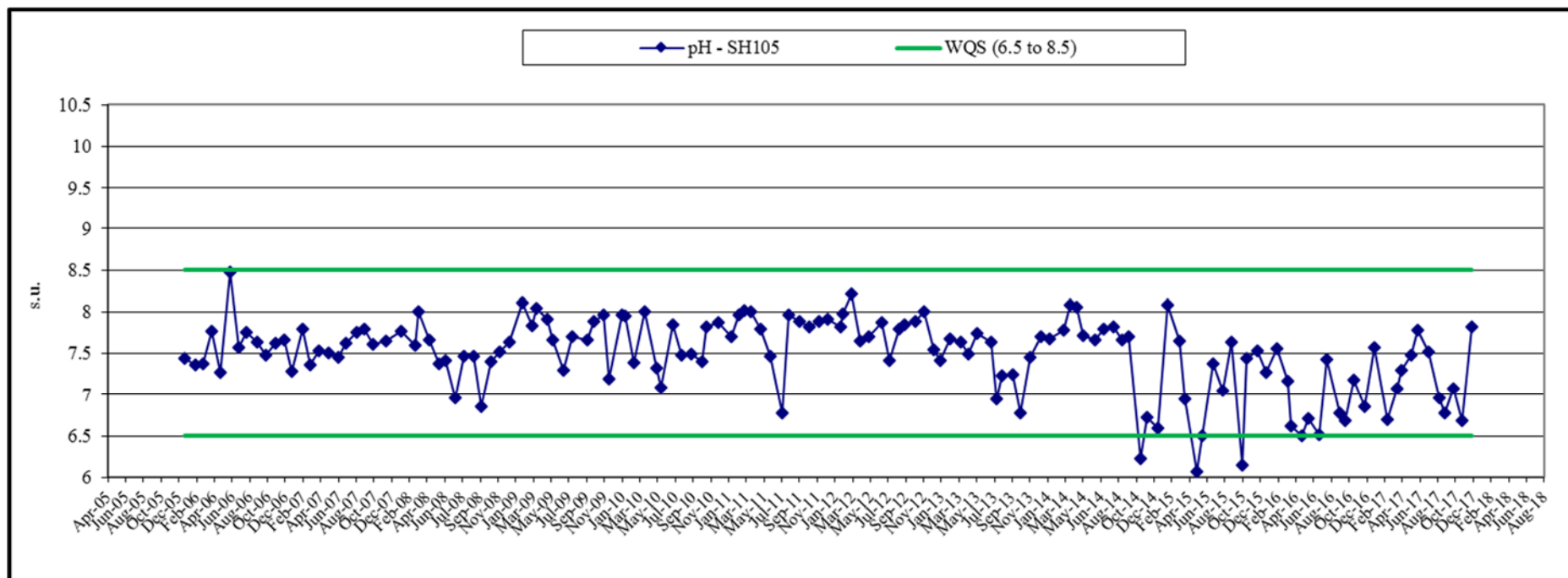


Figure 13a Sherman Creek (SH105) Monitoring Results 2006-2017, Field Parameters

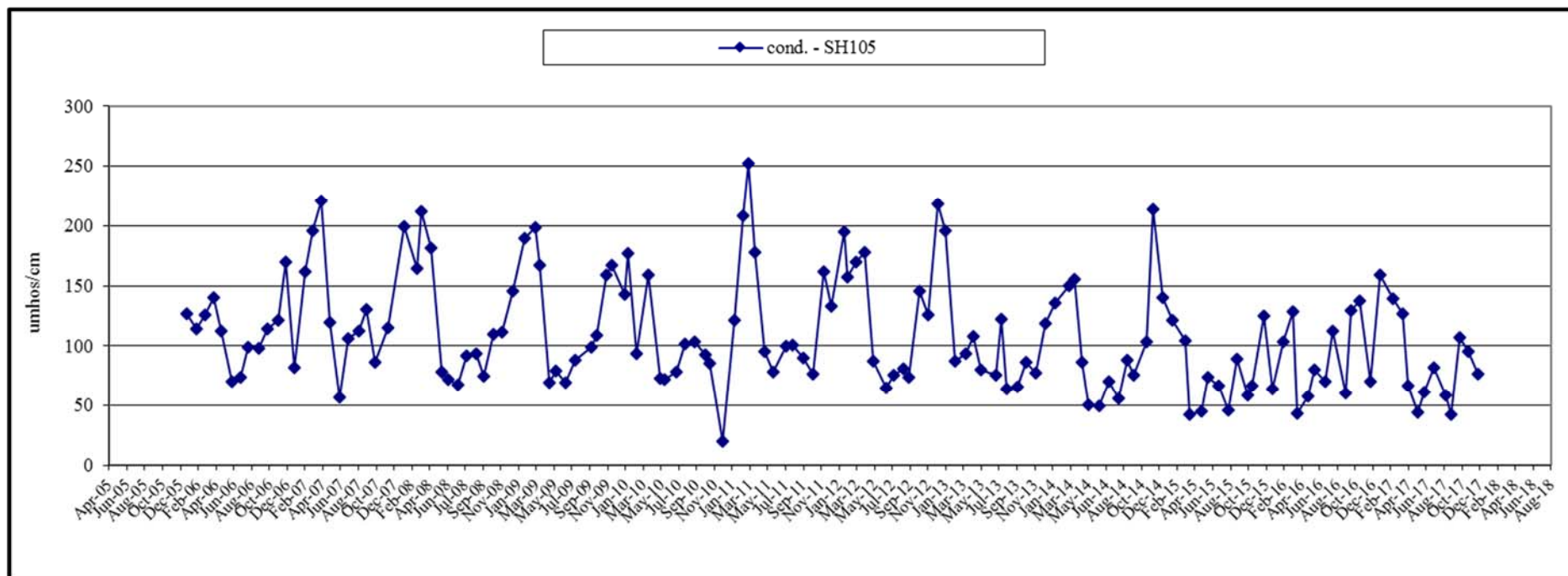


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

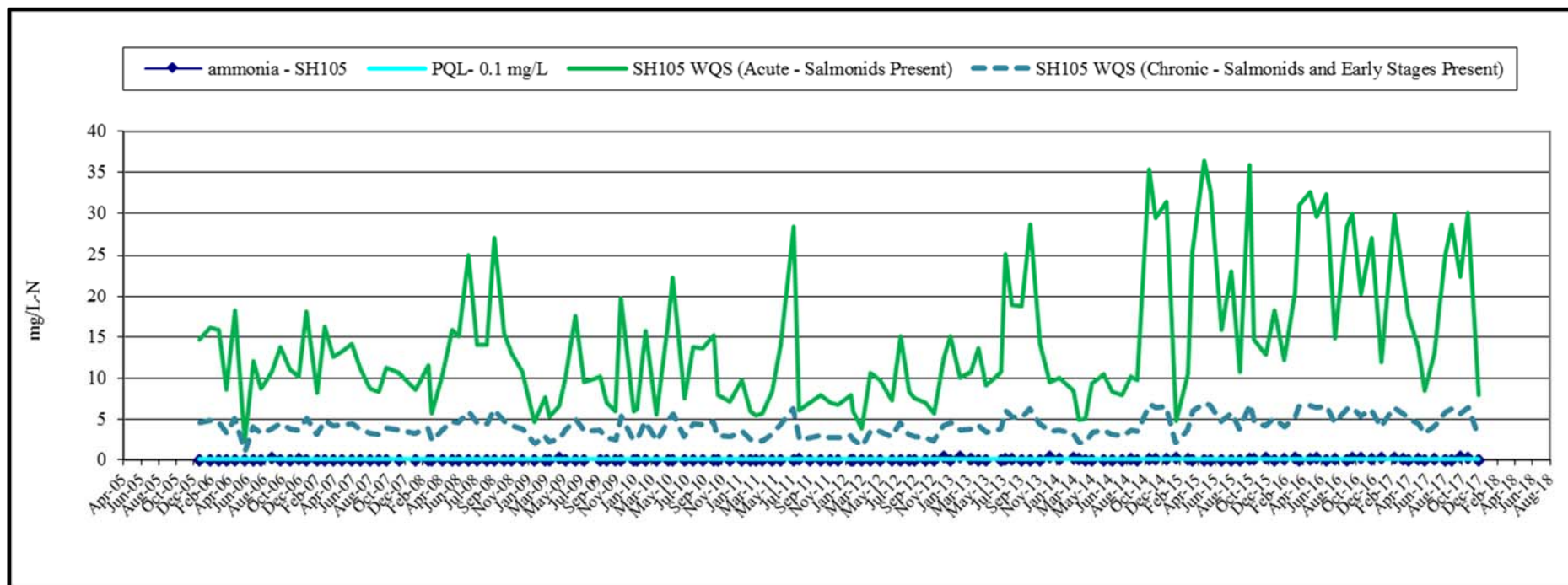


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

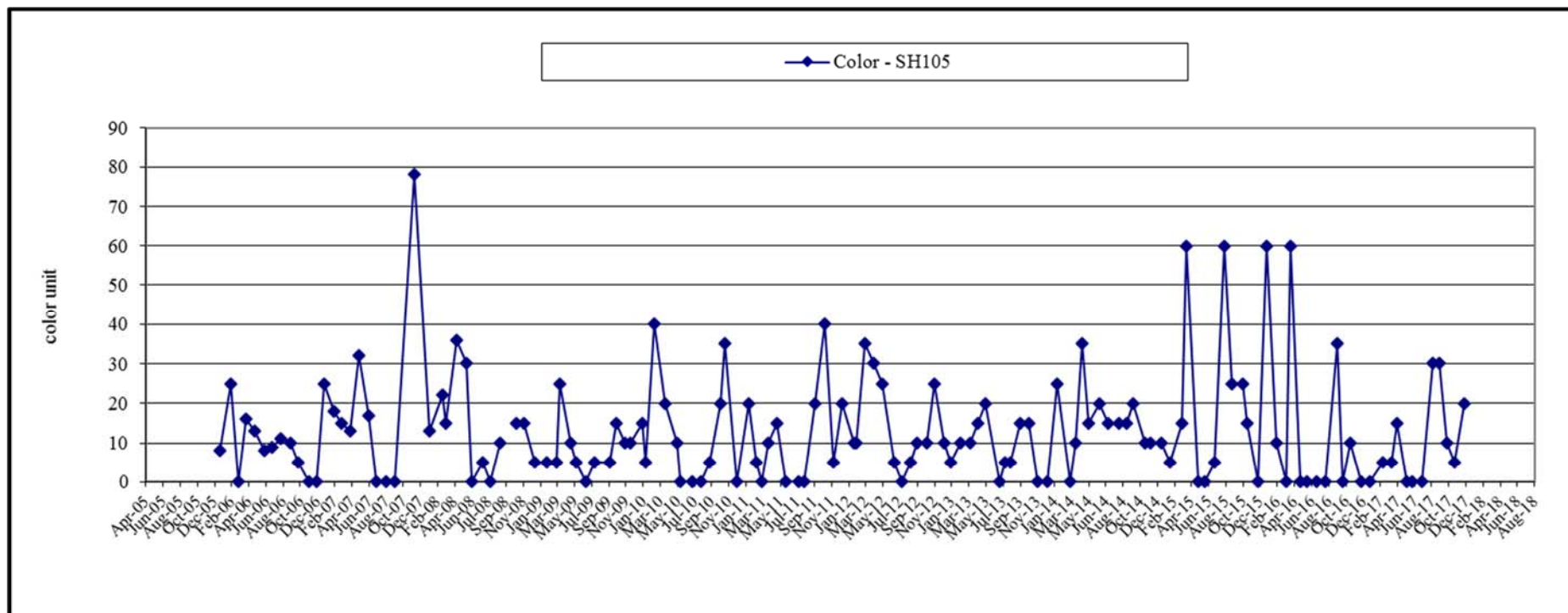


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

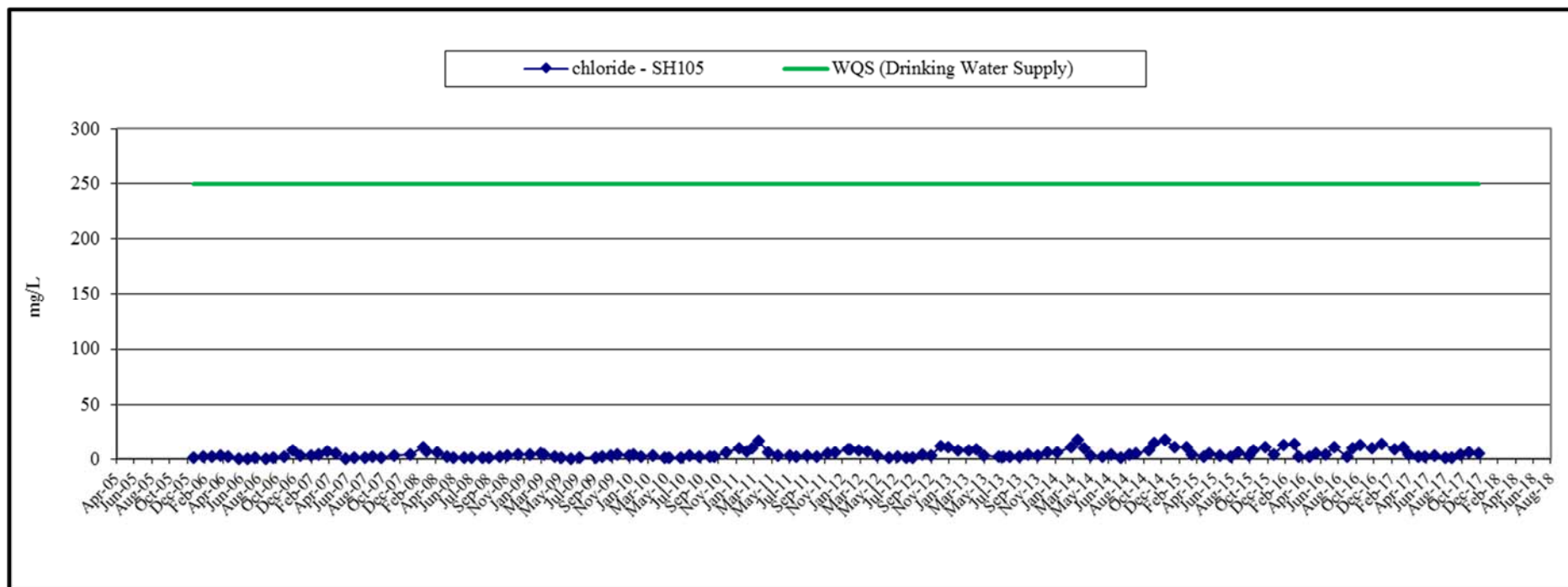


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

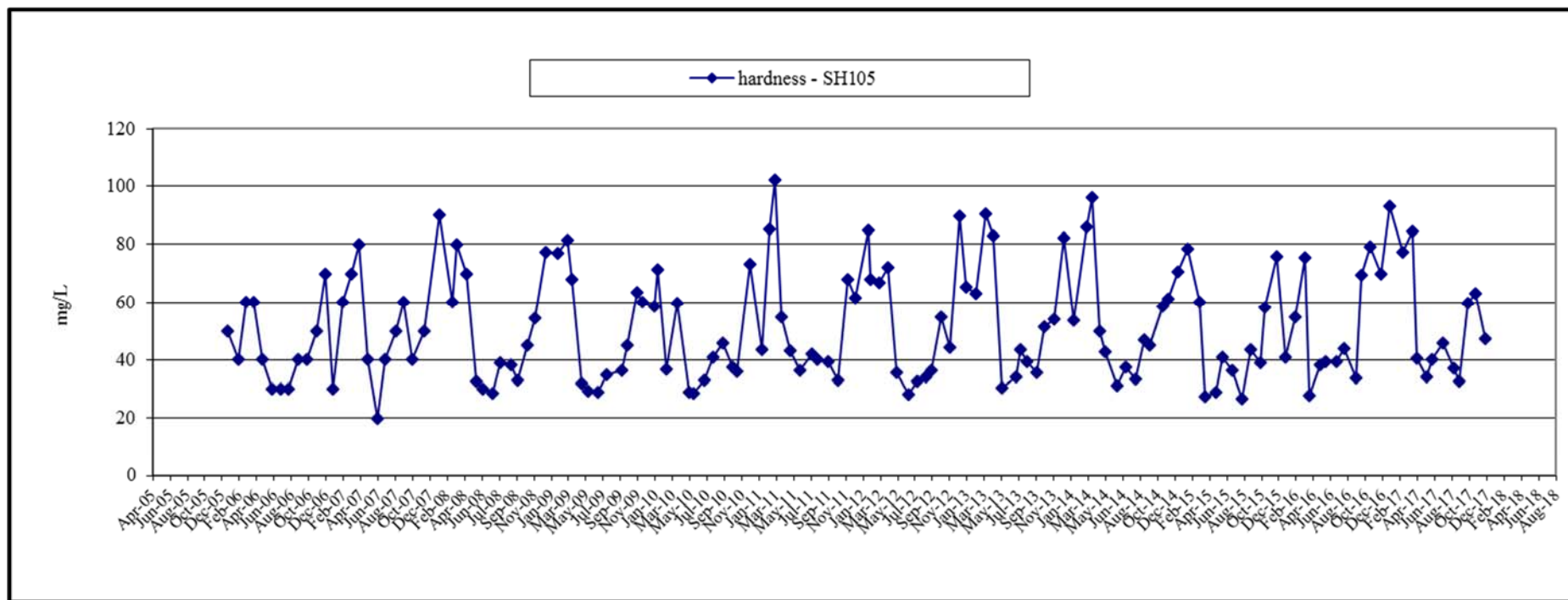


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

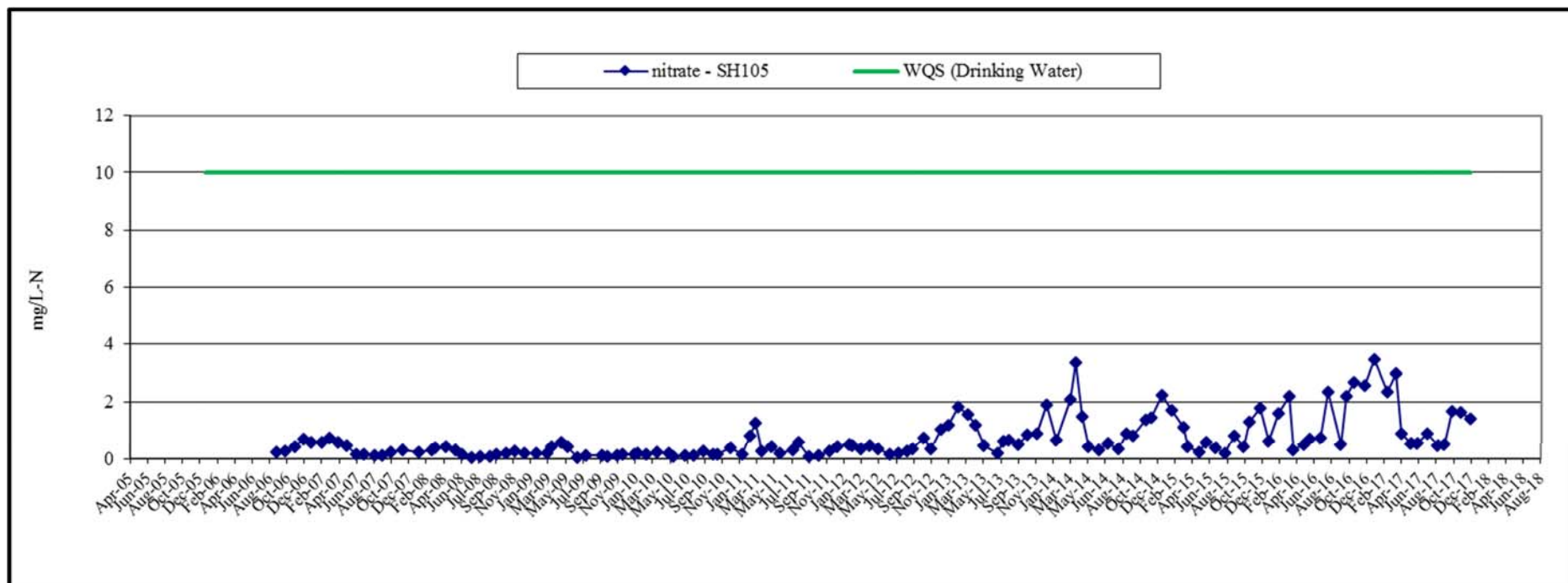


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

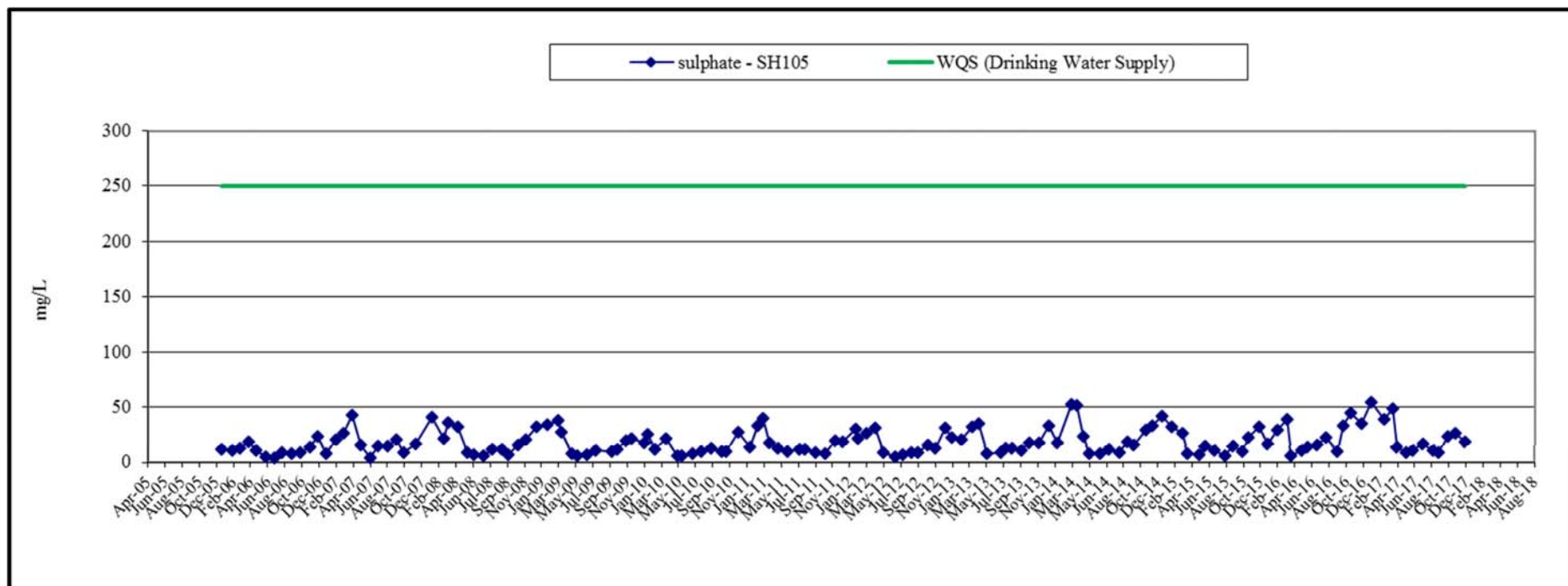


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

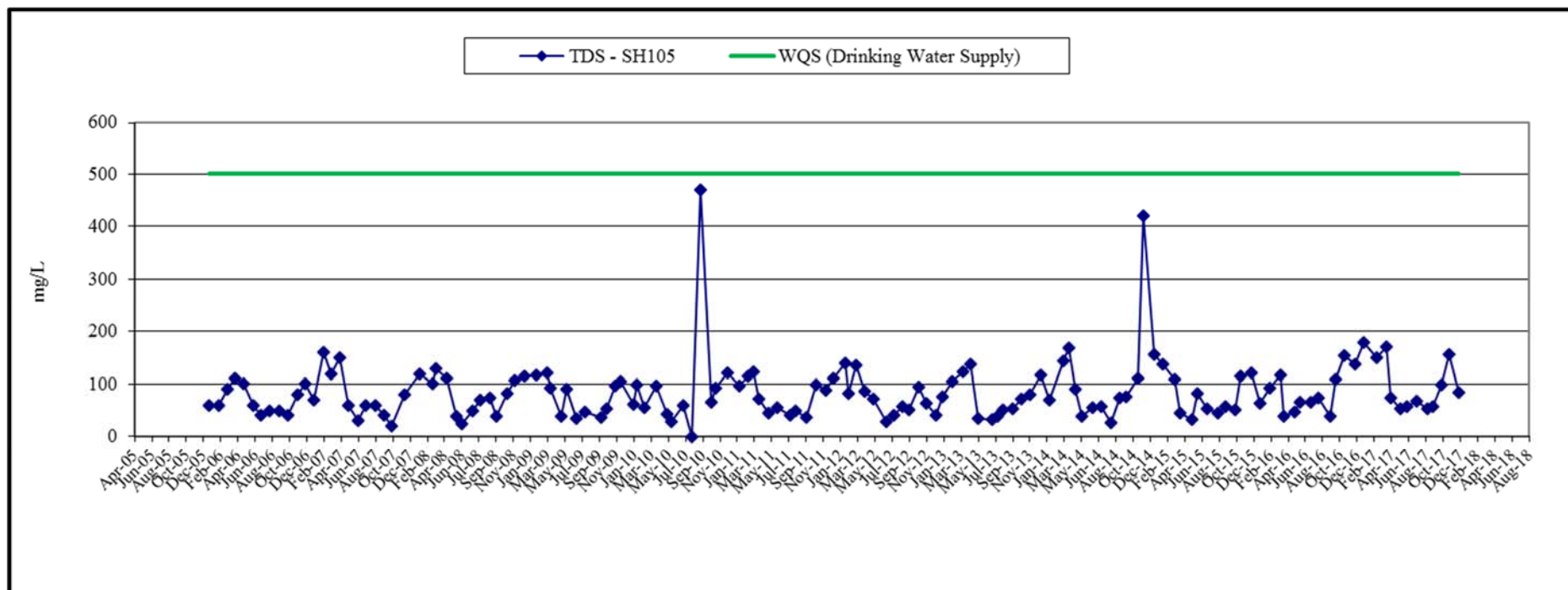


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

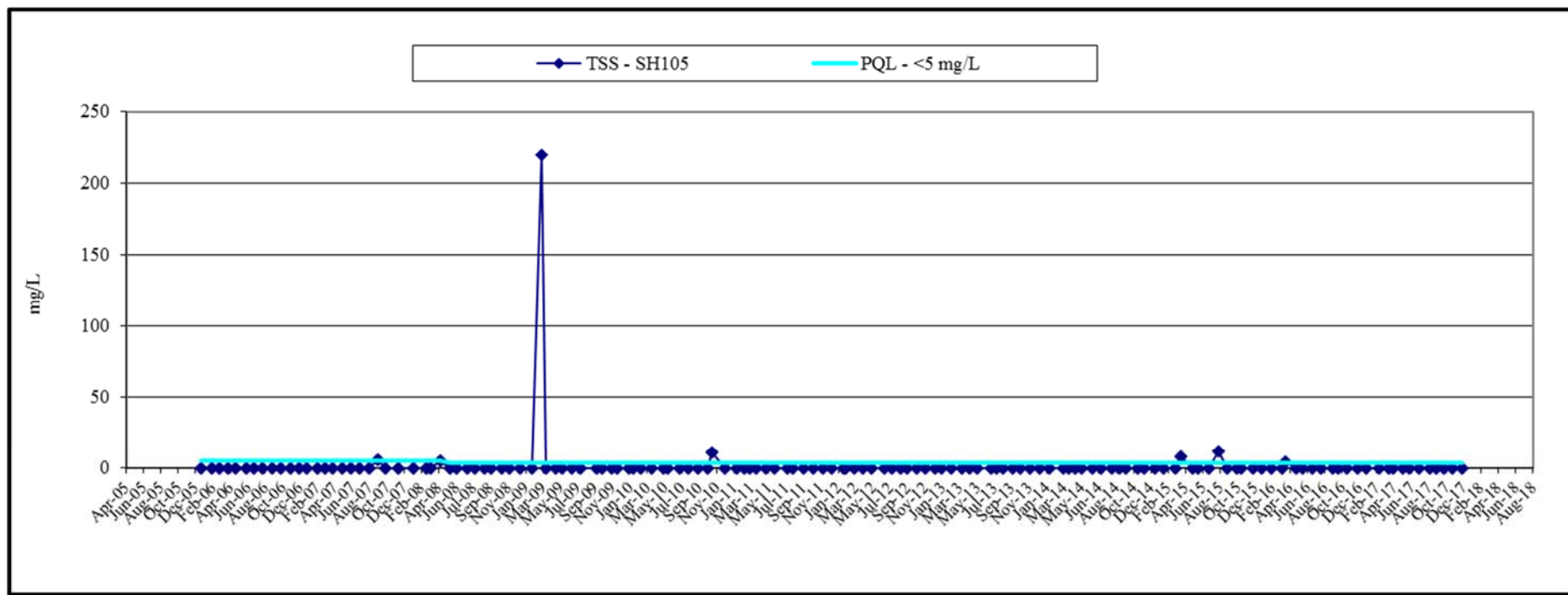


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

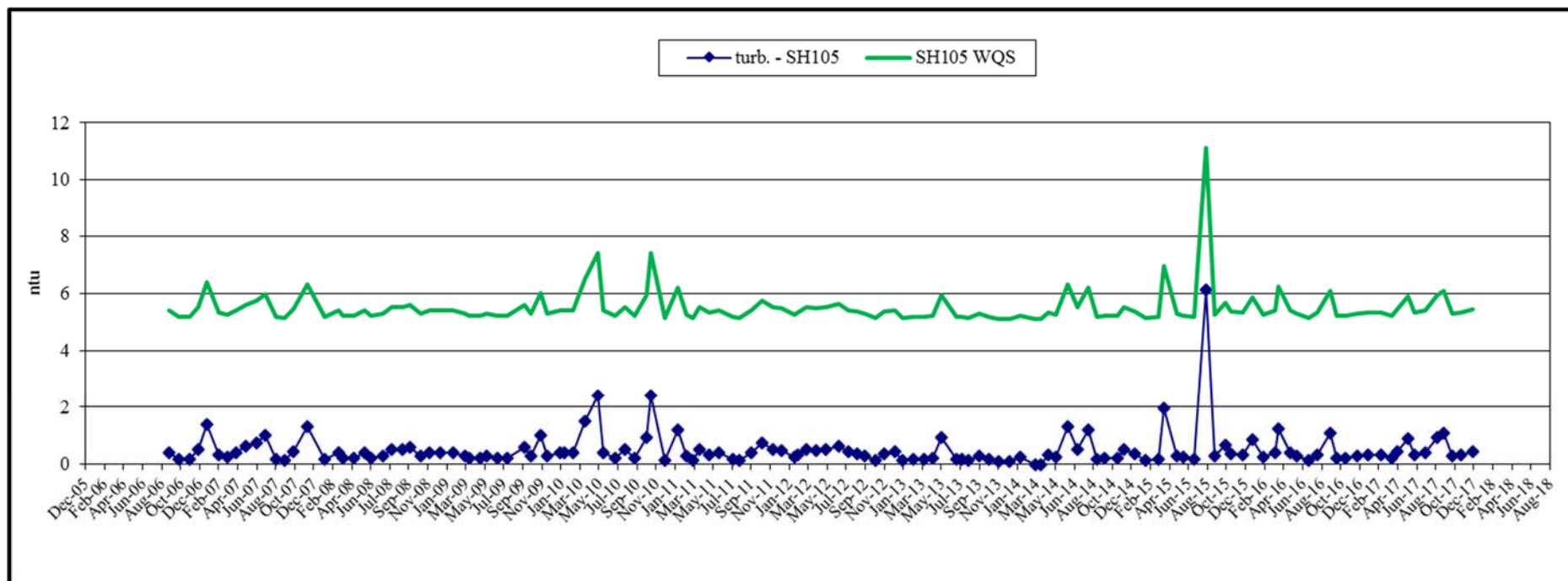


Figure 13b Sherman Creek (SH105) Monitoring Results 2006-2017, Major Chemistry

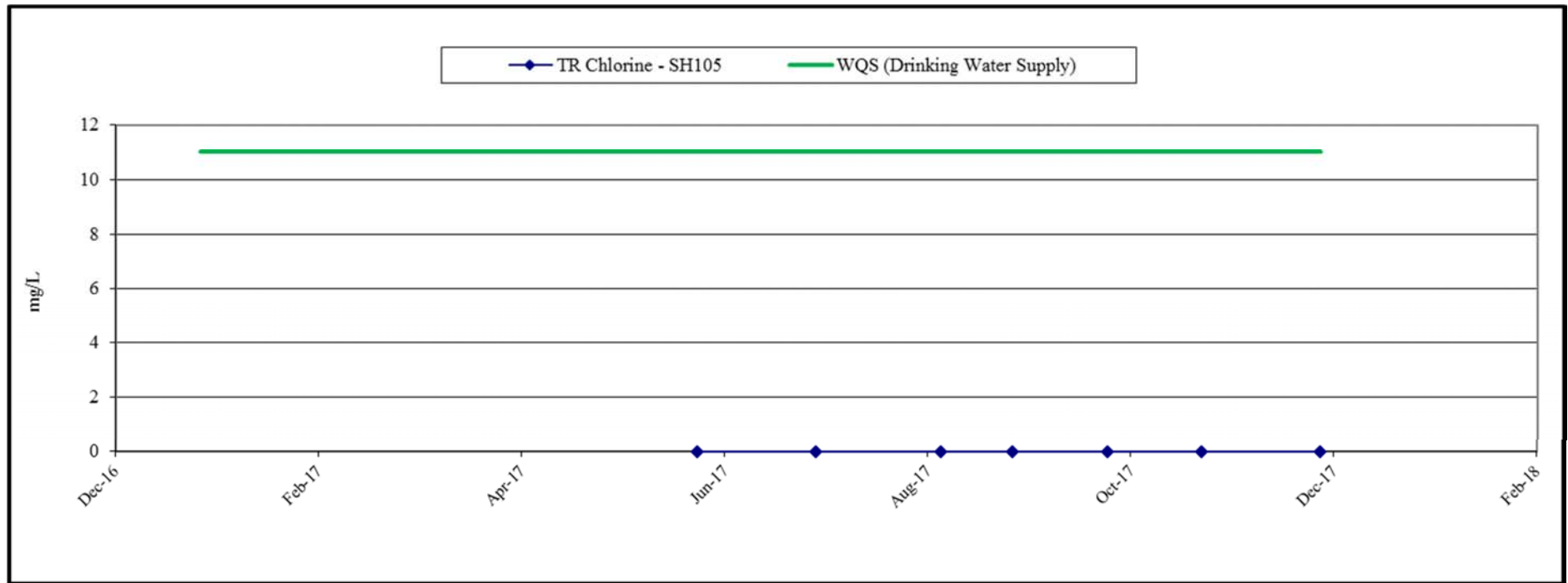


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

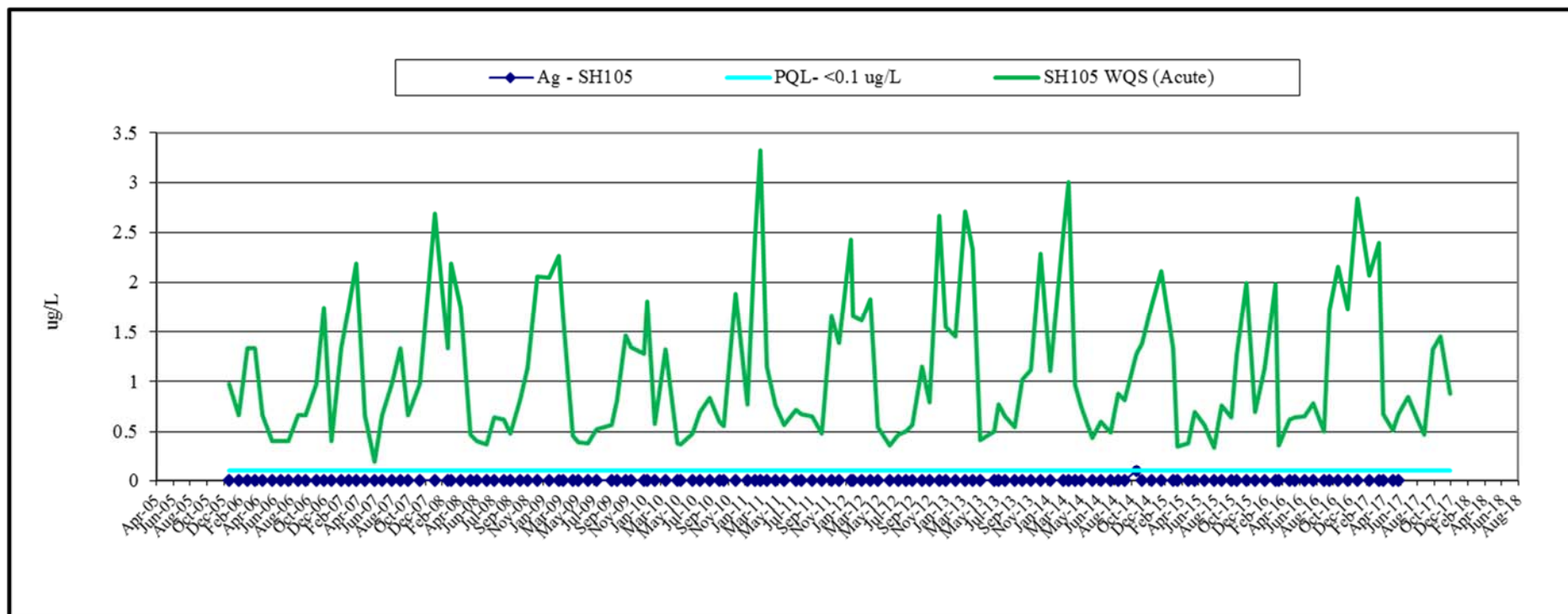


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

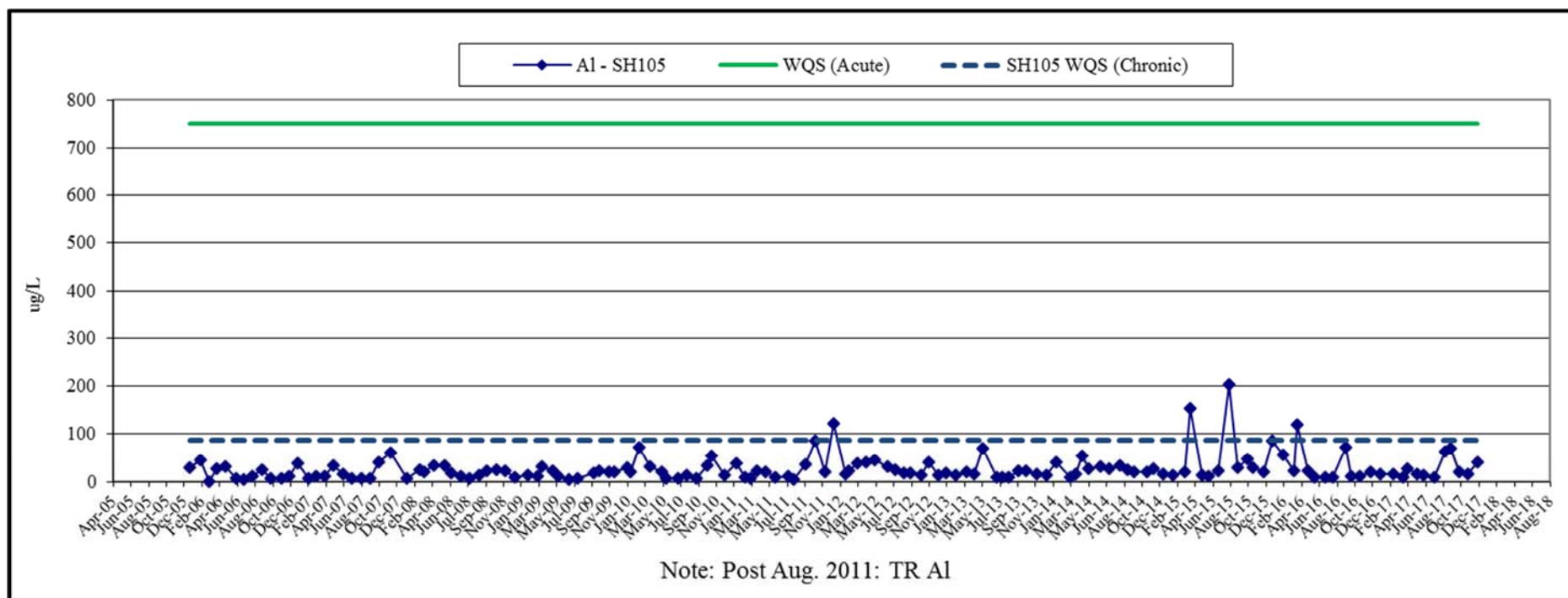


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

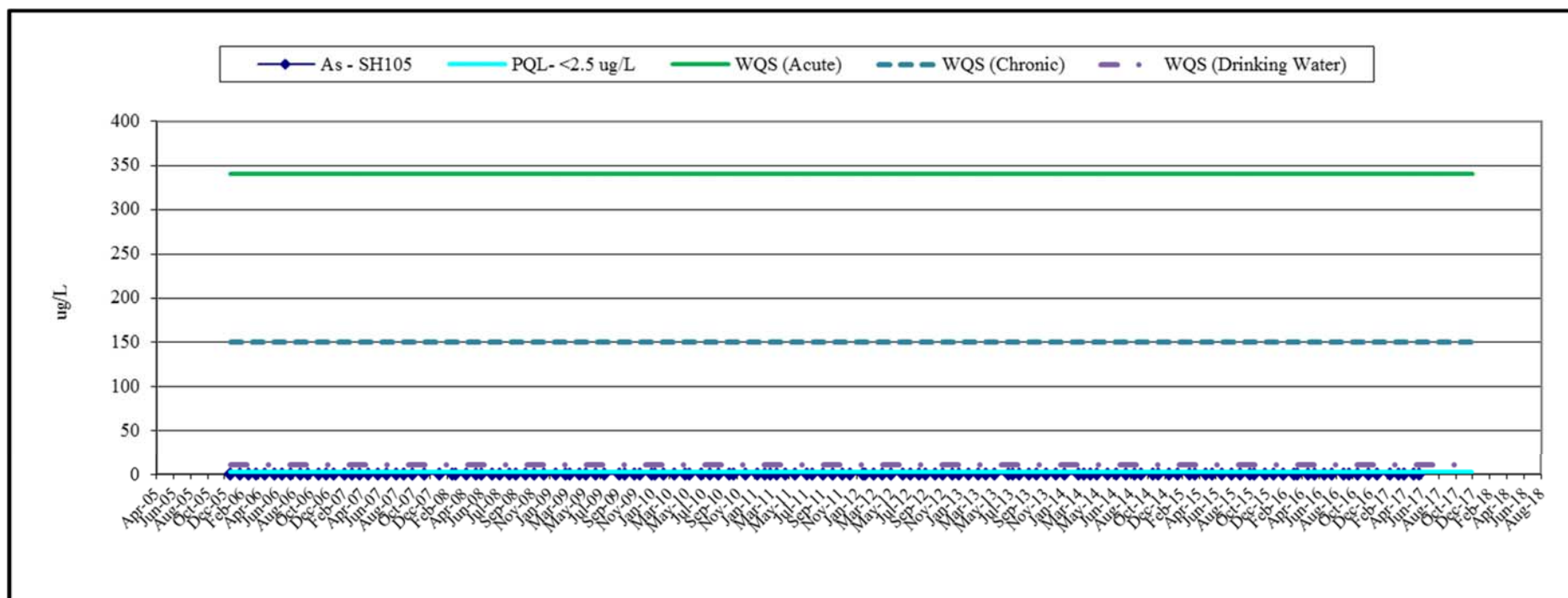


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

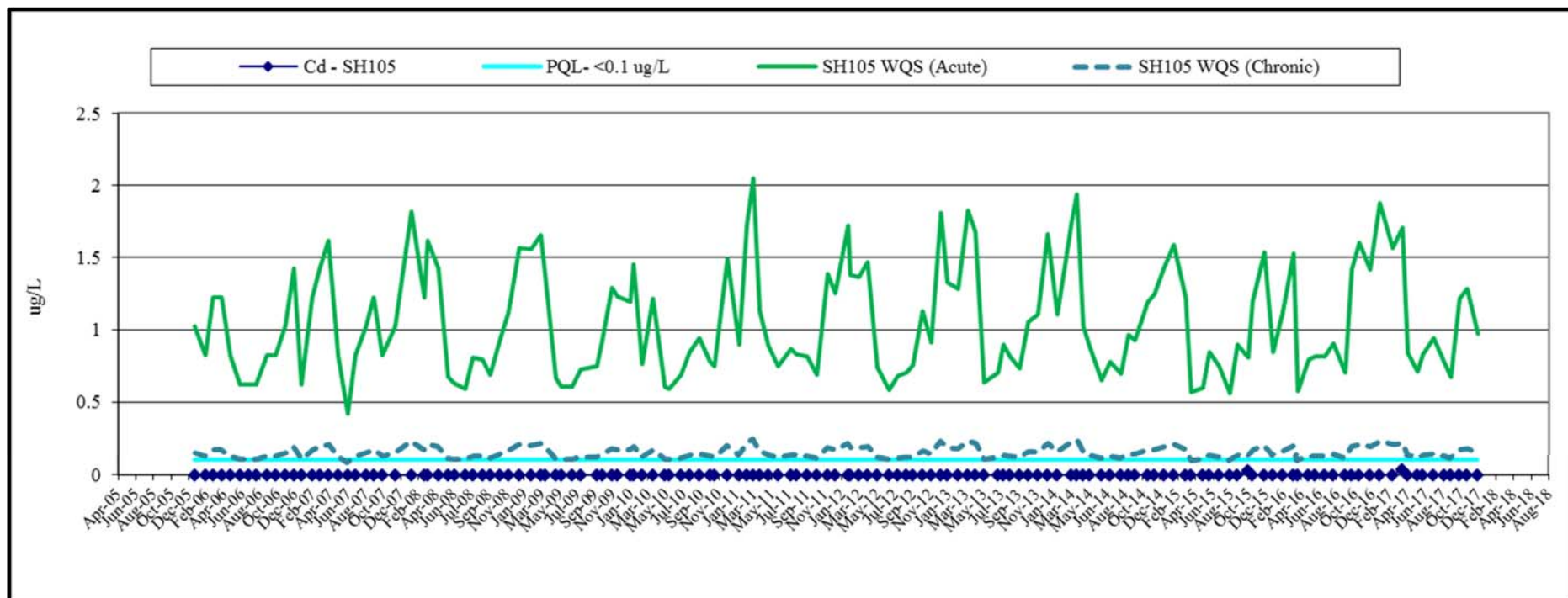


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

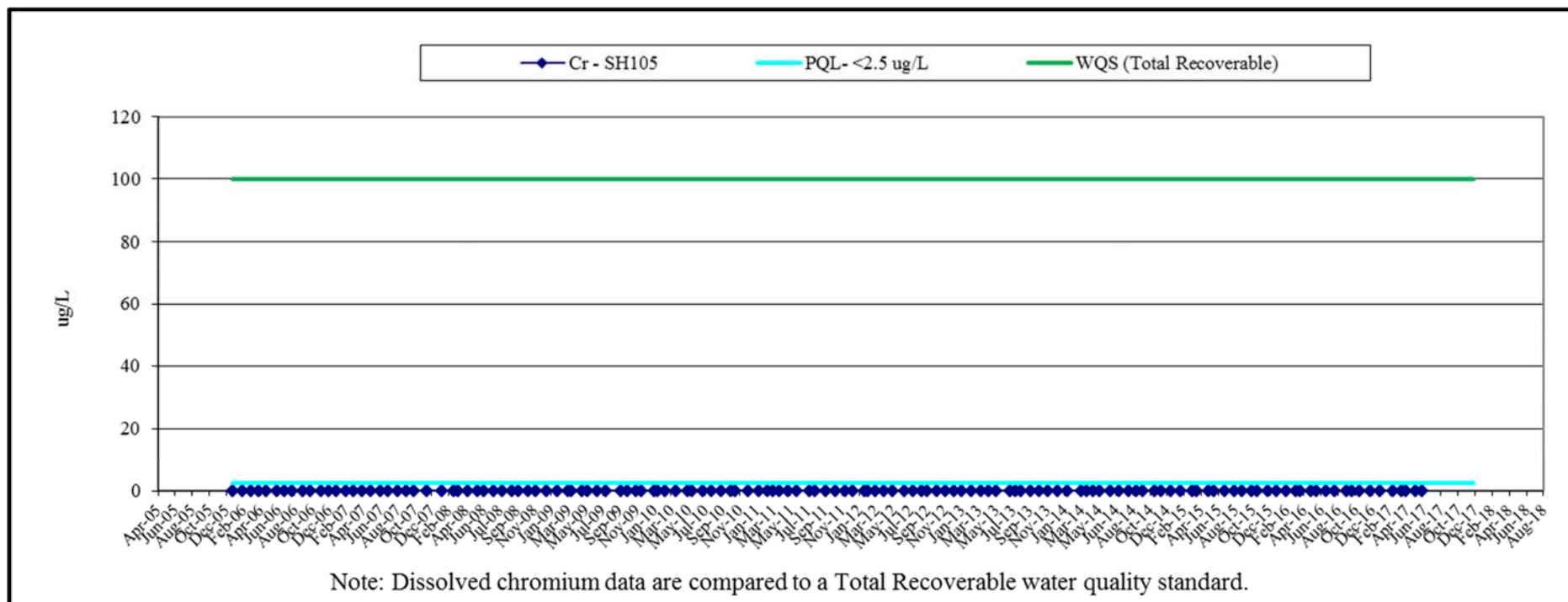


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

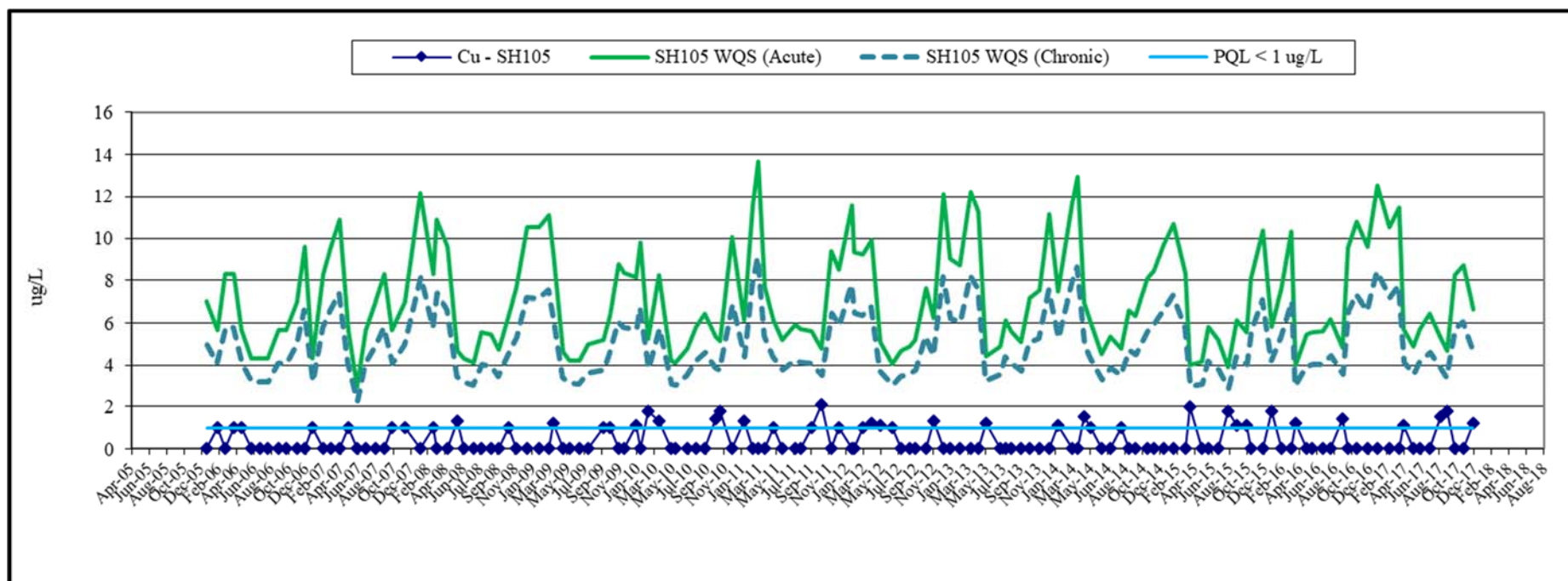


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

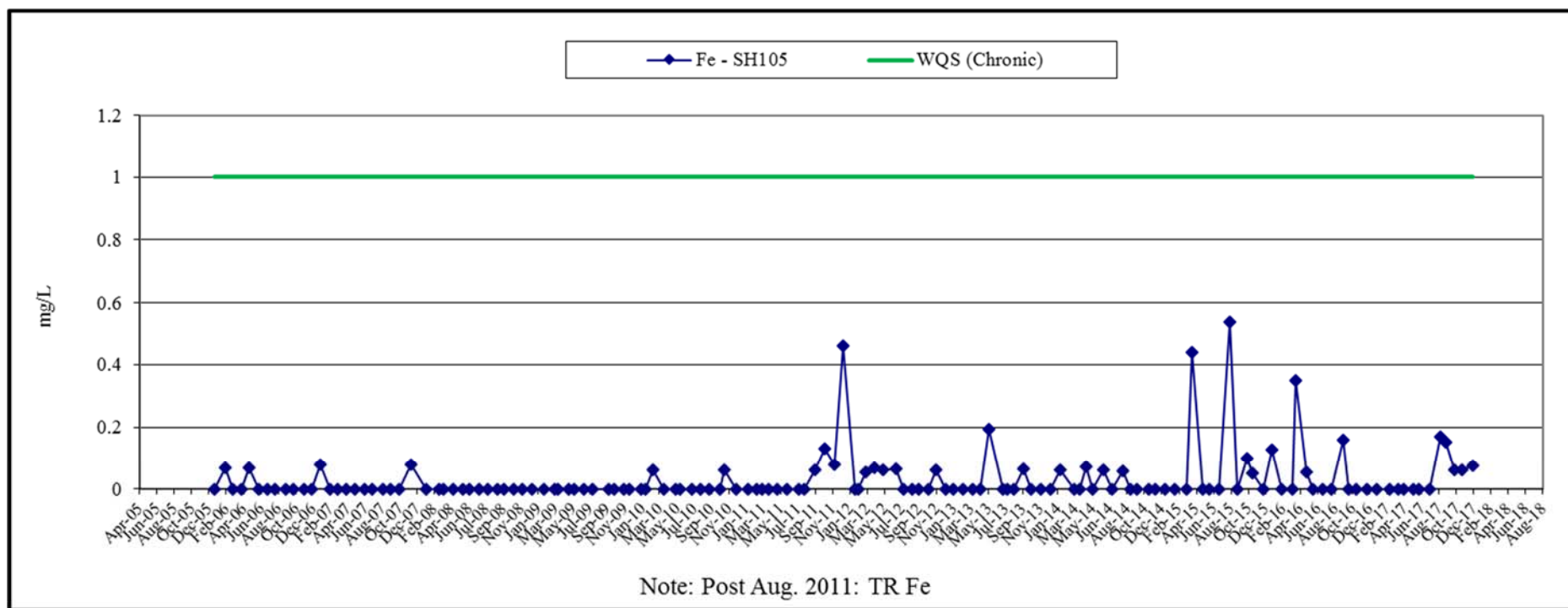


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

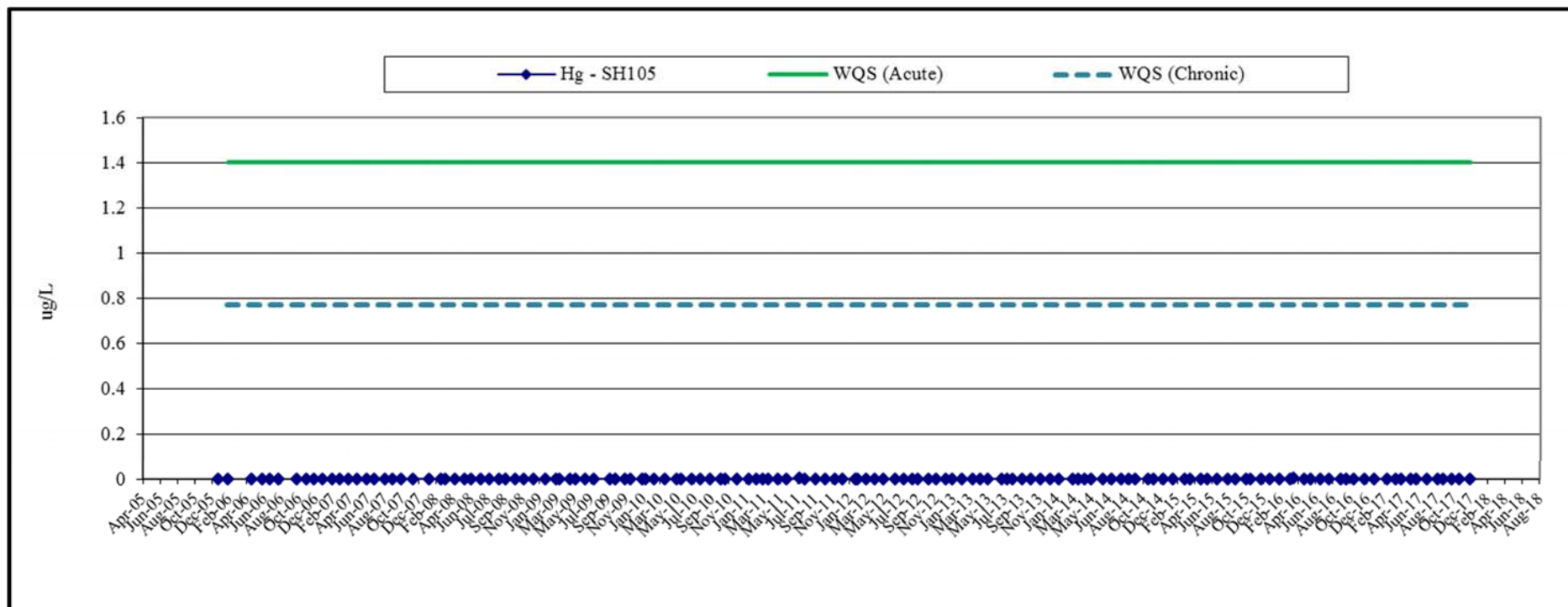


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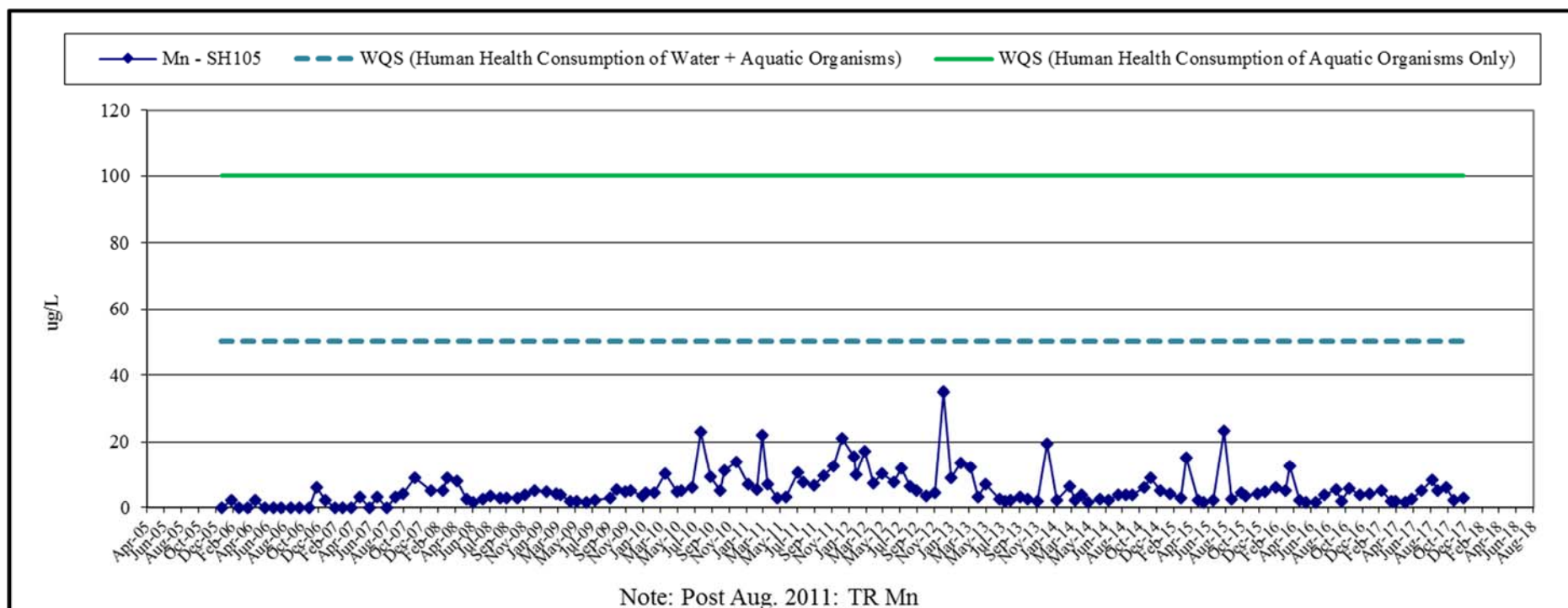


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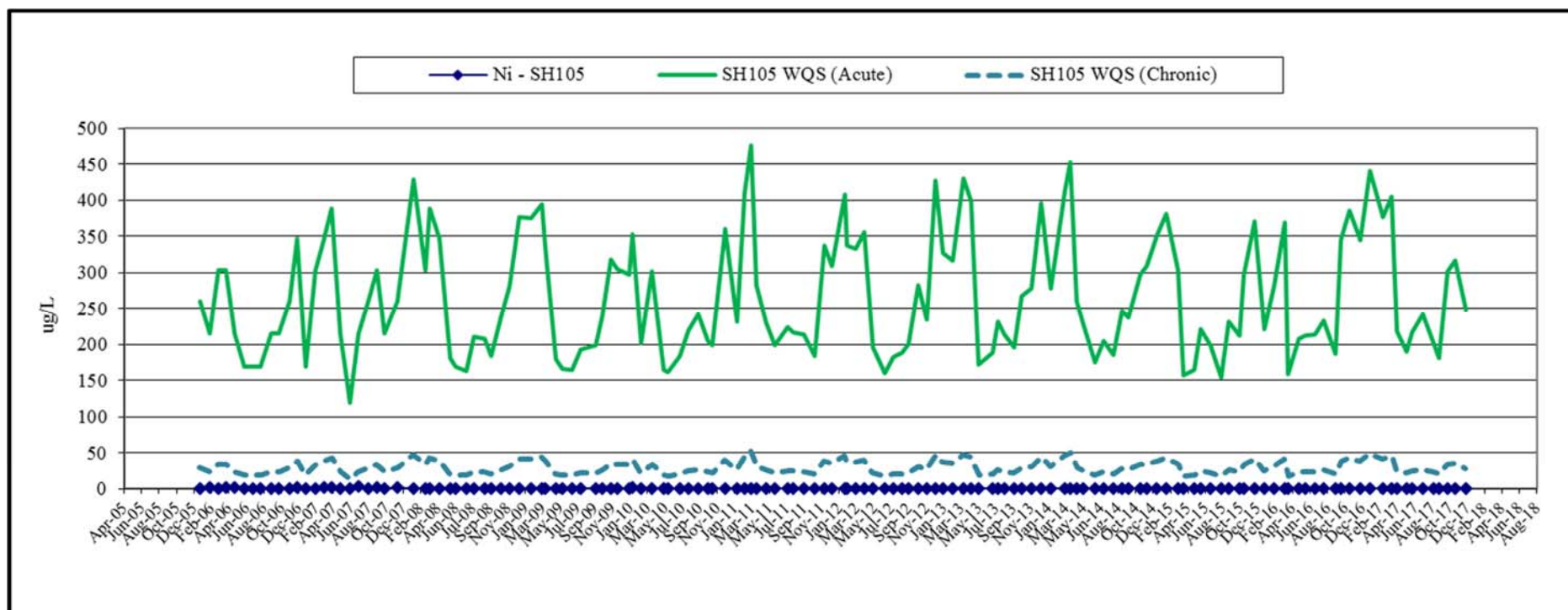


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

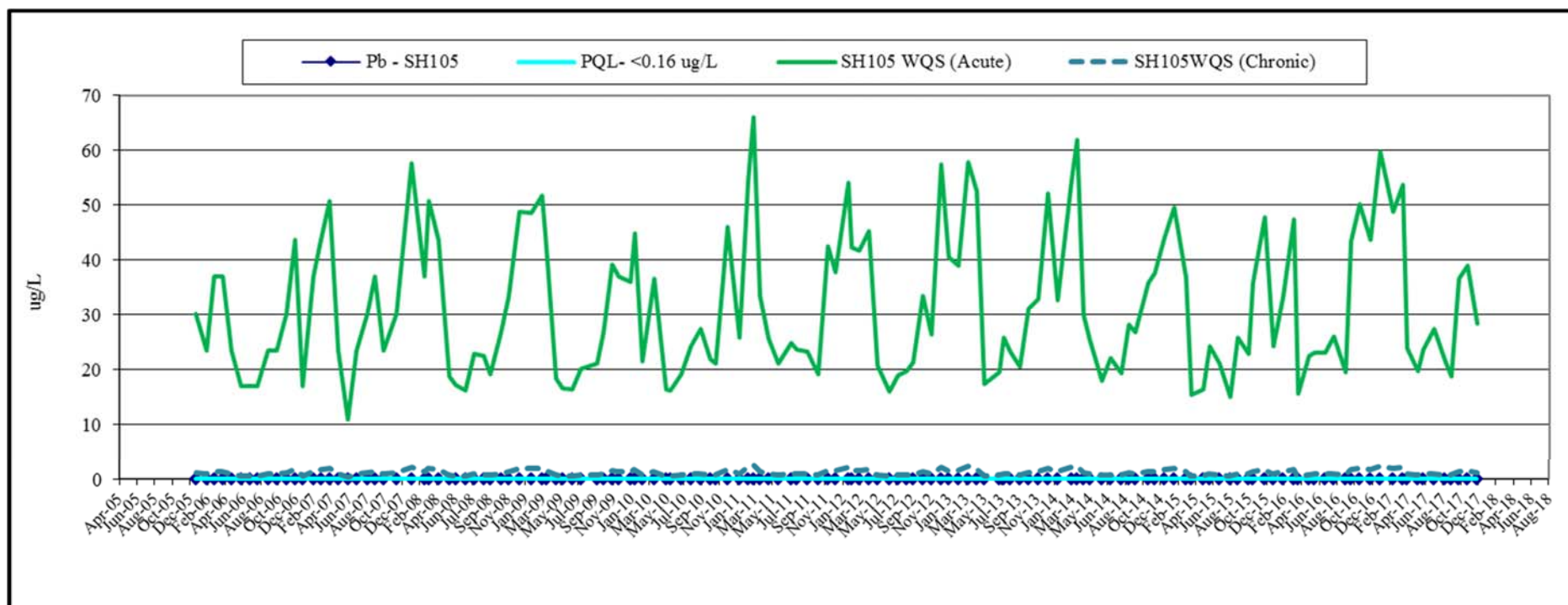


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

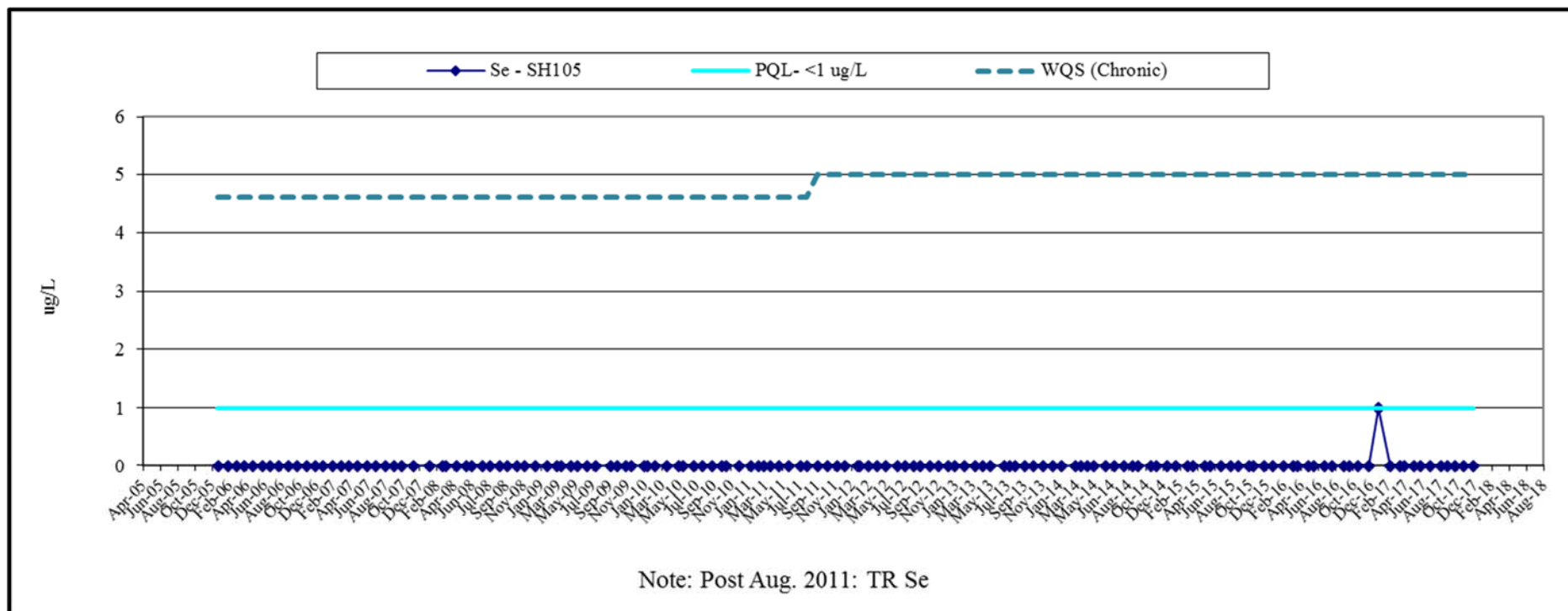


Figure 13c Sherman Creek (SH105) Monitoring Results 2006-2017, Trace Chemistry

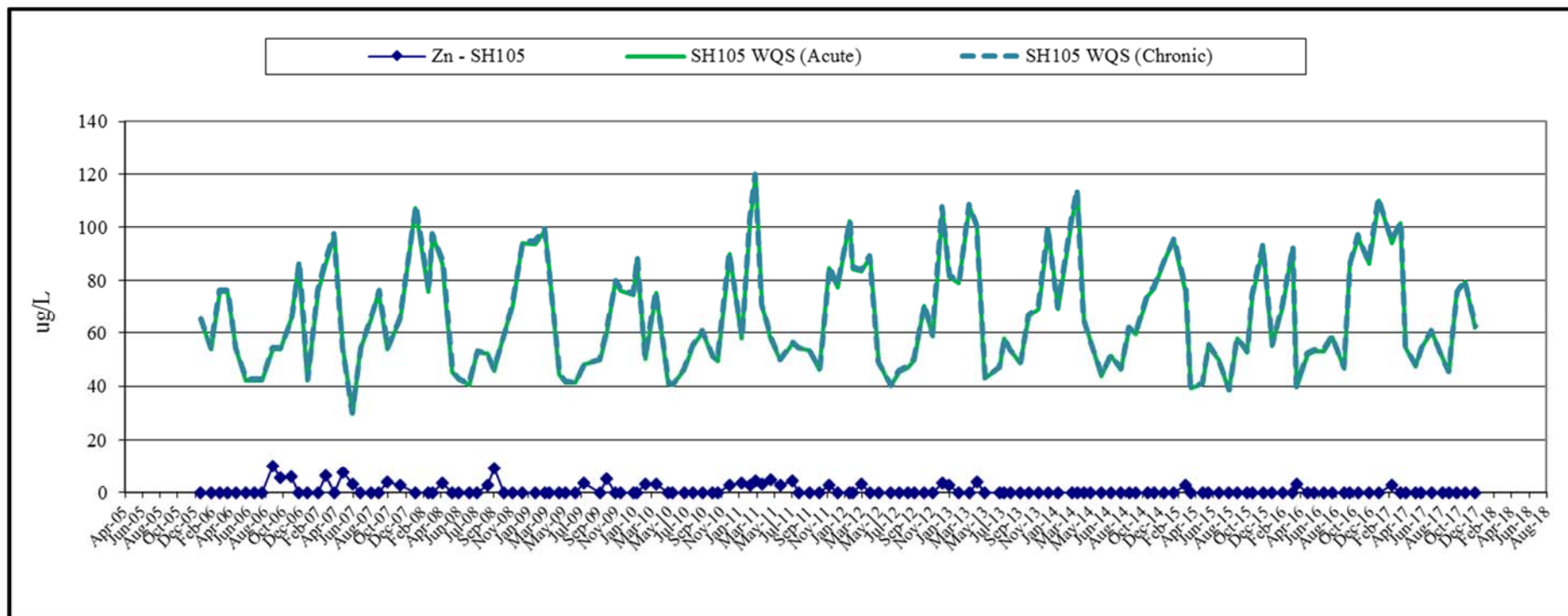


Figure 14a: Sherman Creek (SH109) Monitoring Results 2006-2017, Field Parameters

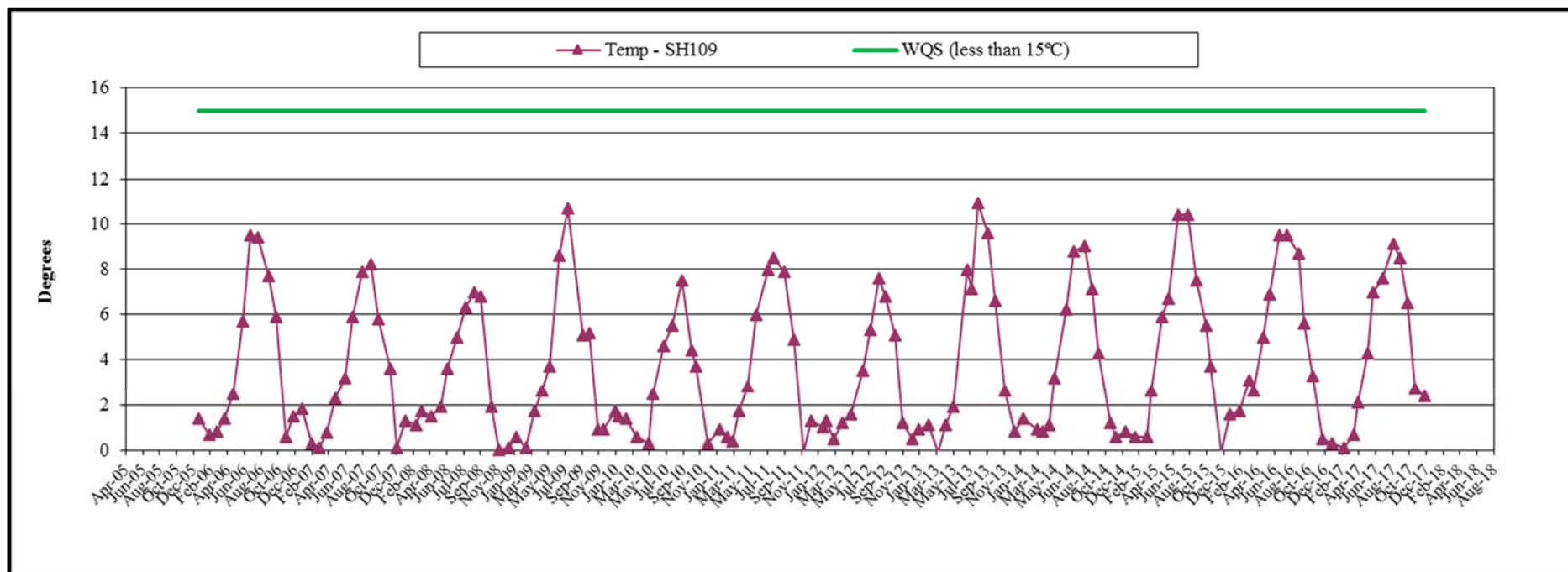


Figure 14a: Sherman Creek (SH109) Monitoring Results 2006-2017, Field Parameters

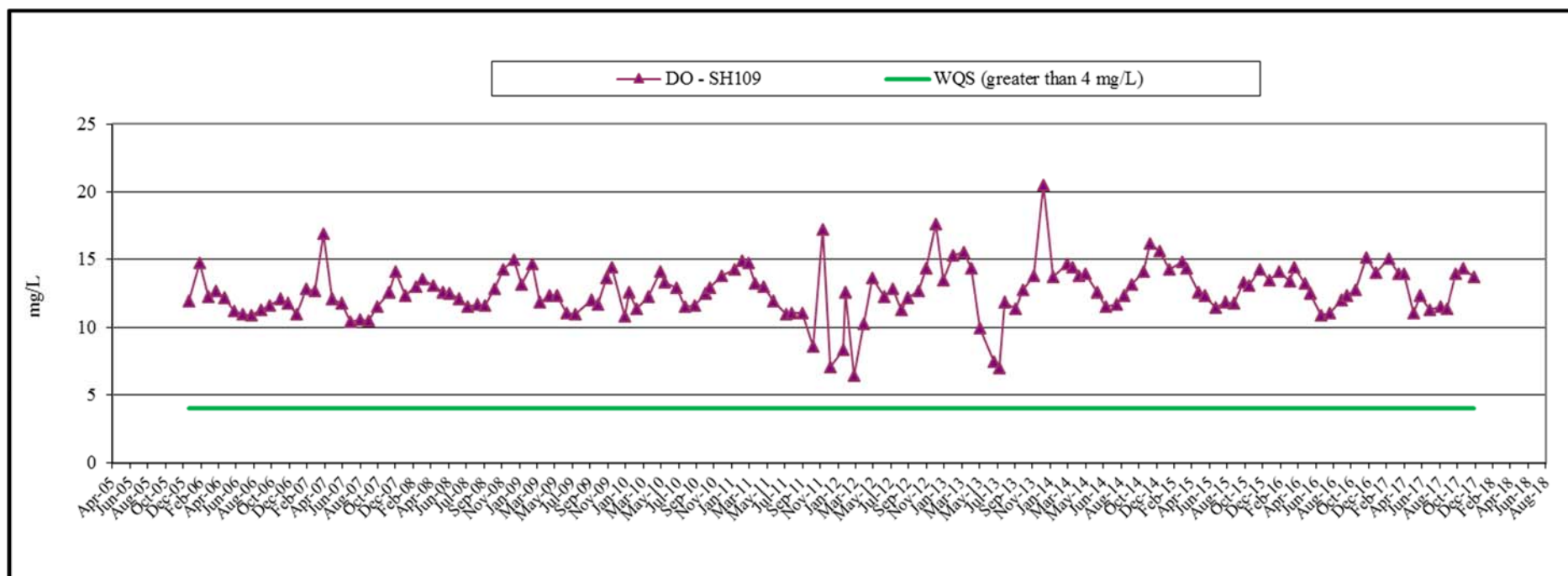


Figure 14a: Sherman Creek (SH109) Monitoring Results 2006-2017, Field Parameters

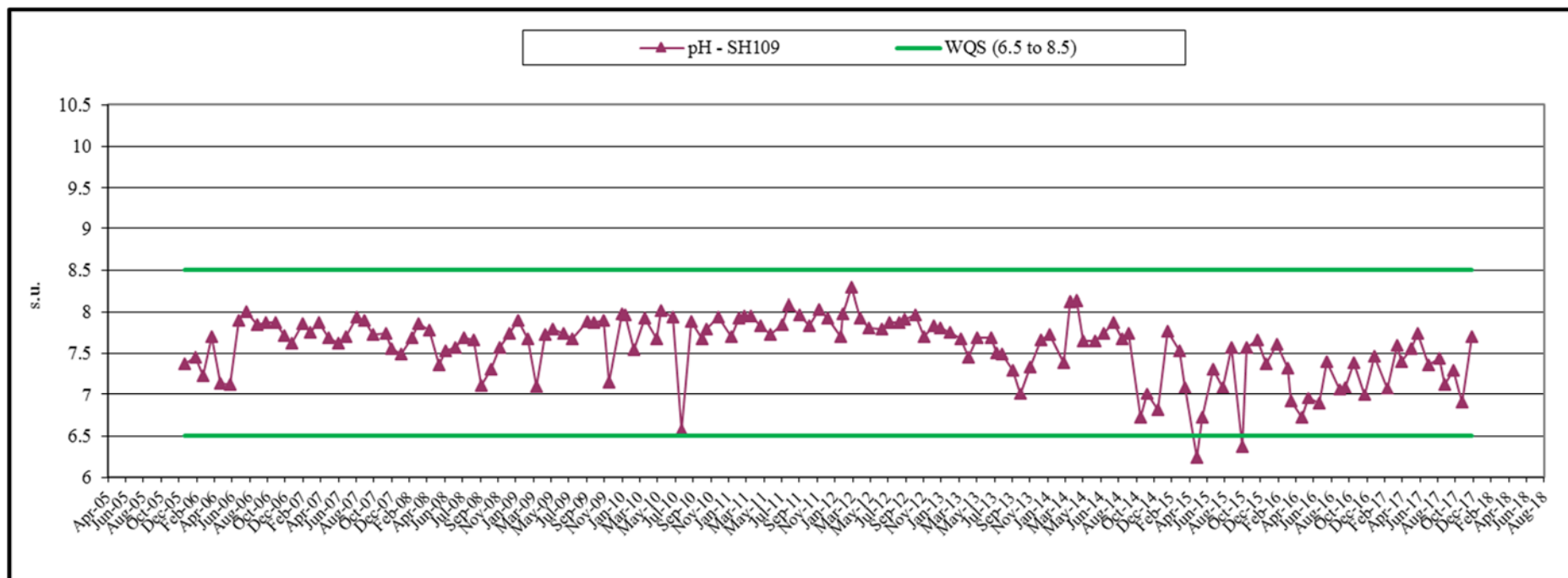


Figure 14a: Sherman Creek (SH109) Monitoring Results 2006-2017, Field Parameters

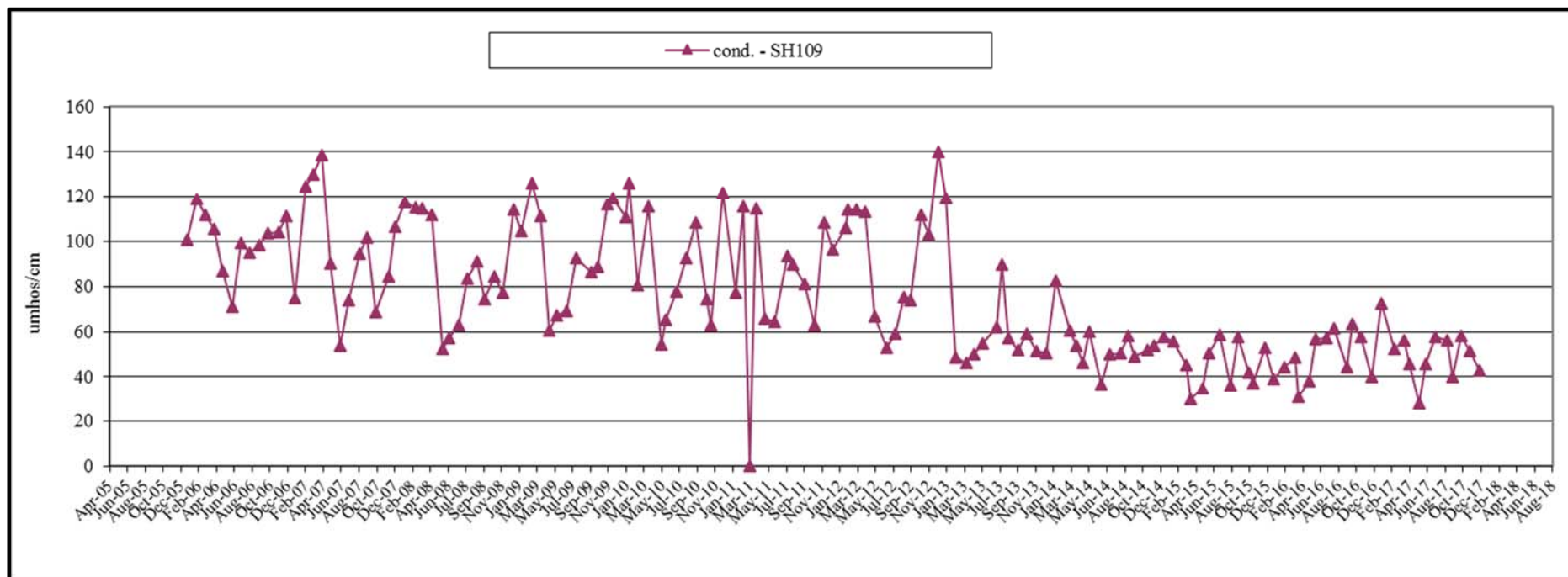


Figure 14b: Sherman Creek (SH109) Monitoring Results 2006-2017, Major Chemistry

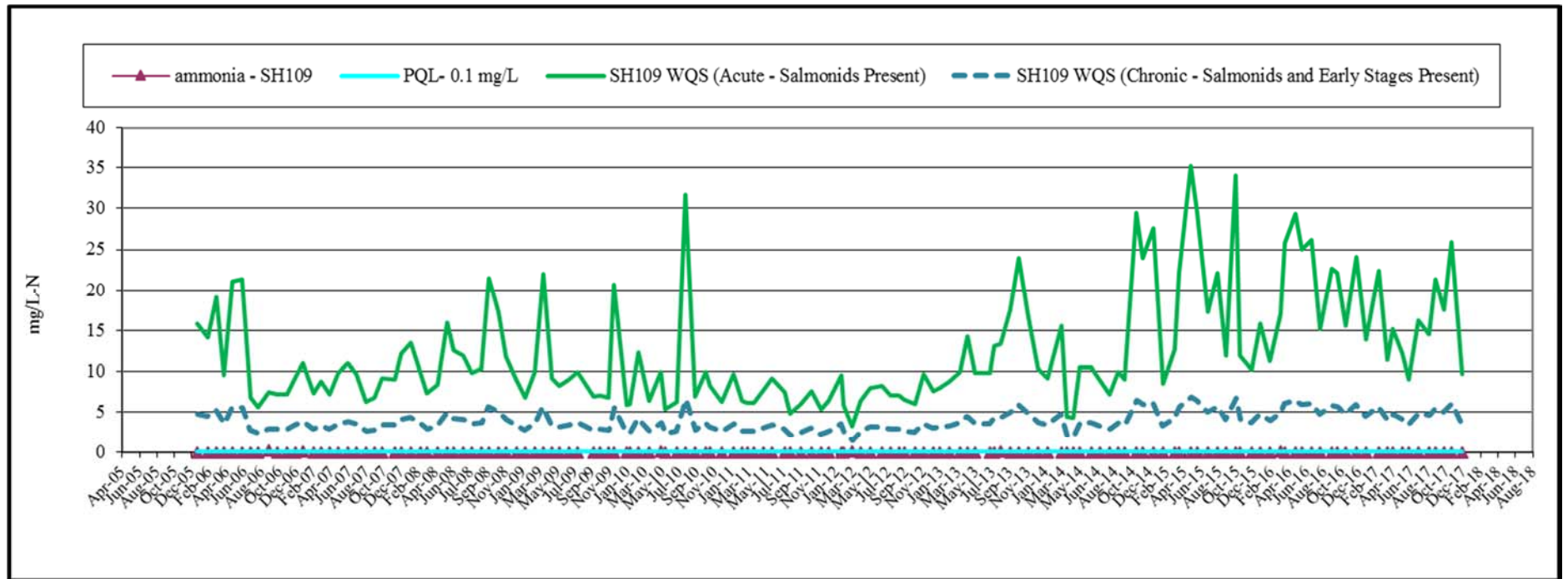


Figure 14b: Sherman Creek (SH109) Monitoring Results 2006-2017, Major Chemistry

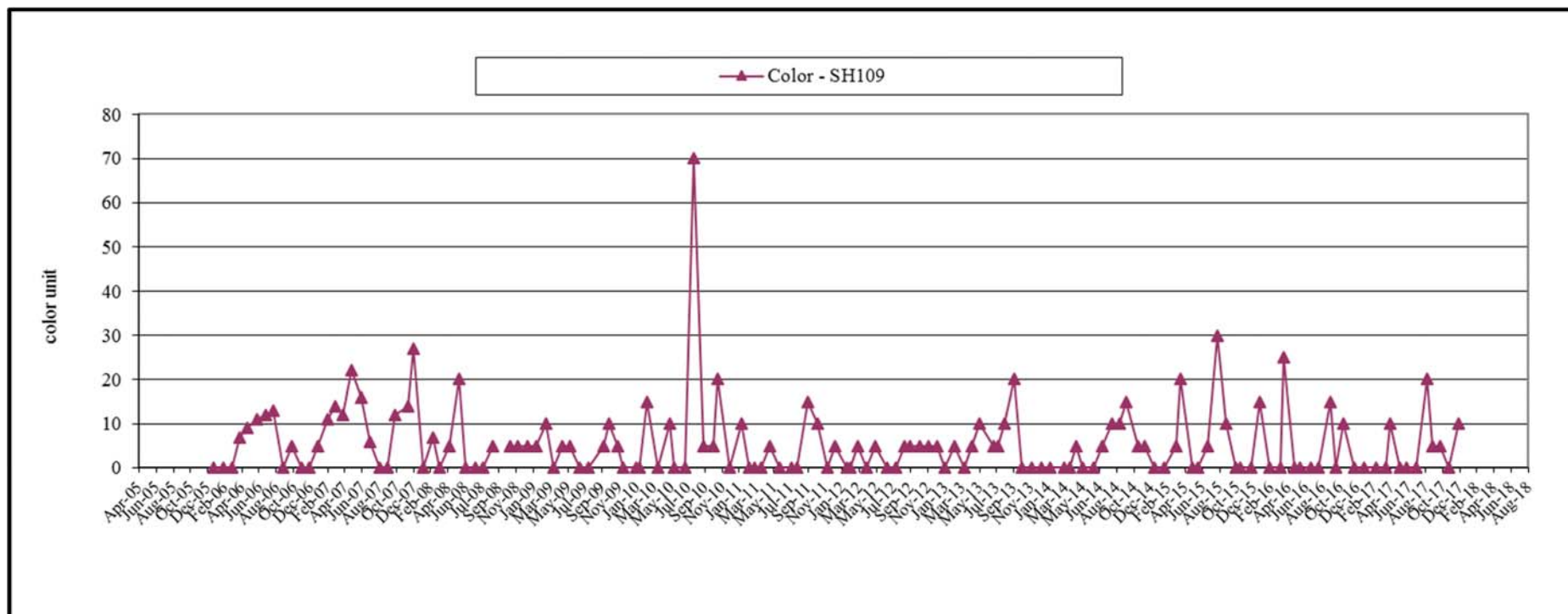


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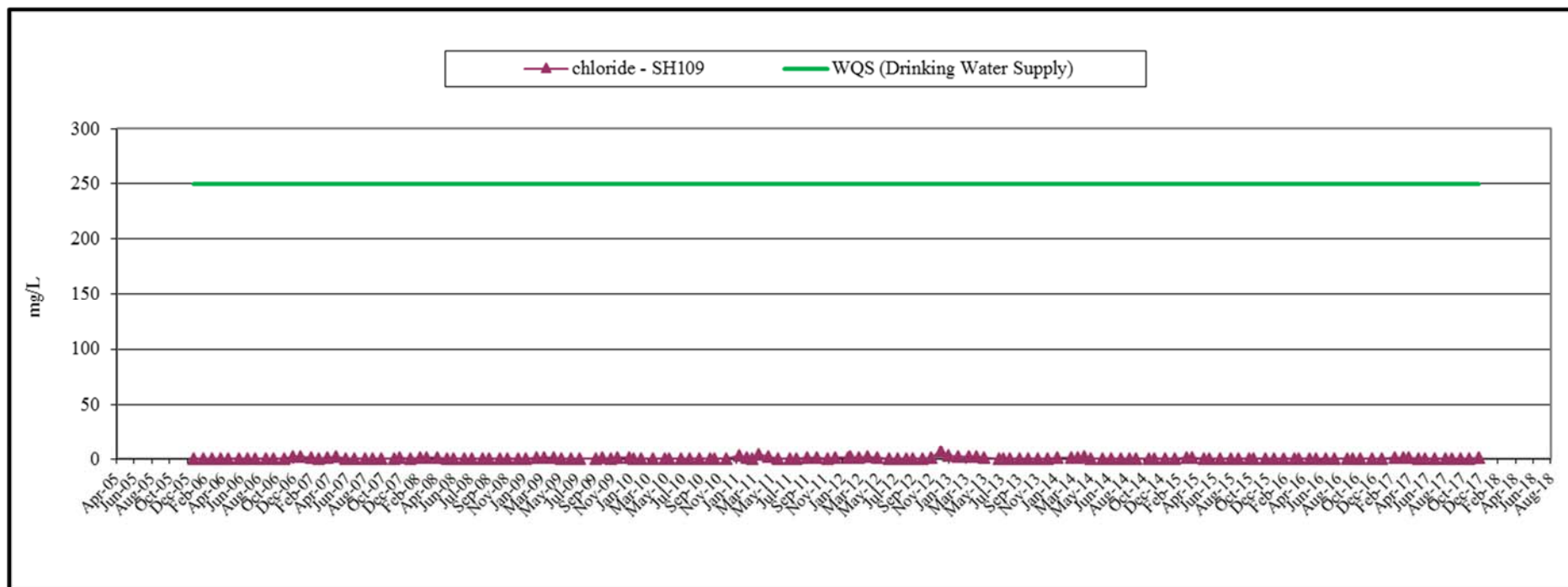


Figure 14b: Sherman Creek (SH109) Monitoring Results 2006-2017, Major Chemistry

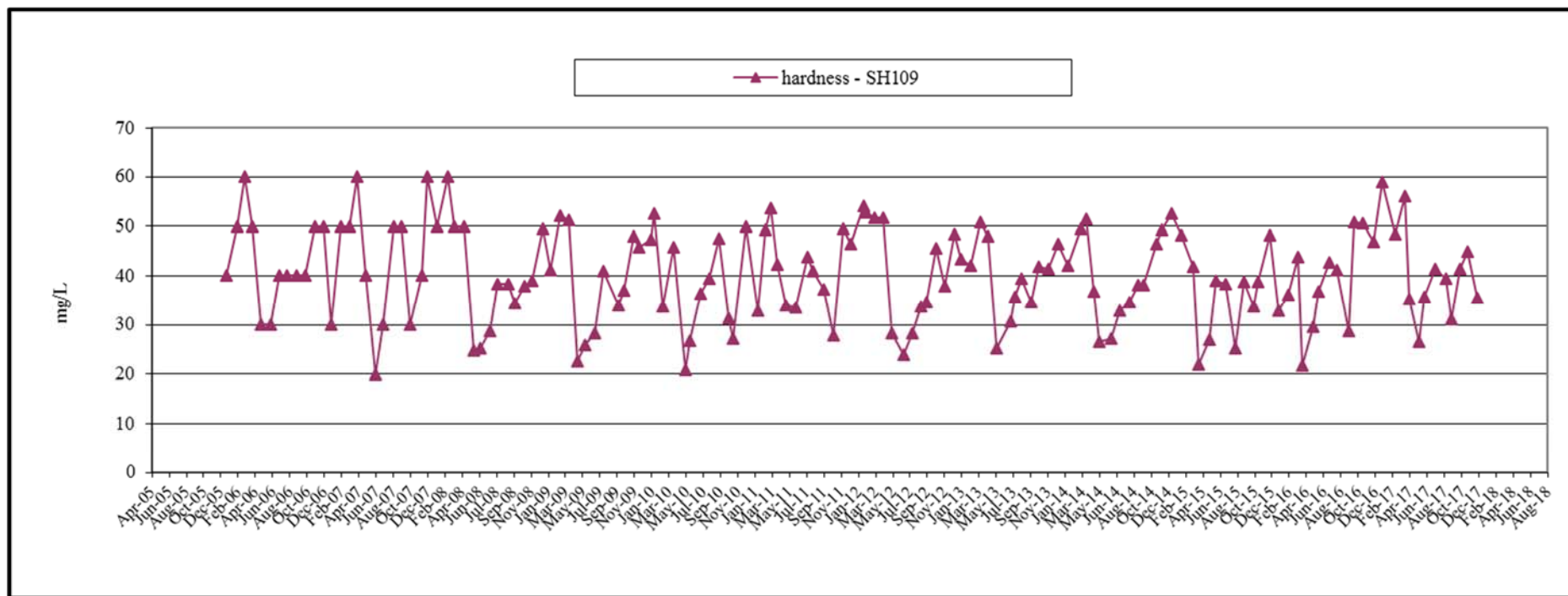


Figure 14b: Sherman Creek (SH109) Monitoring Results 2006-2017, Major Chemistry

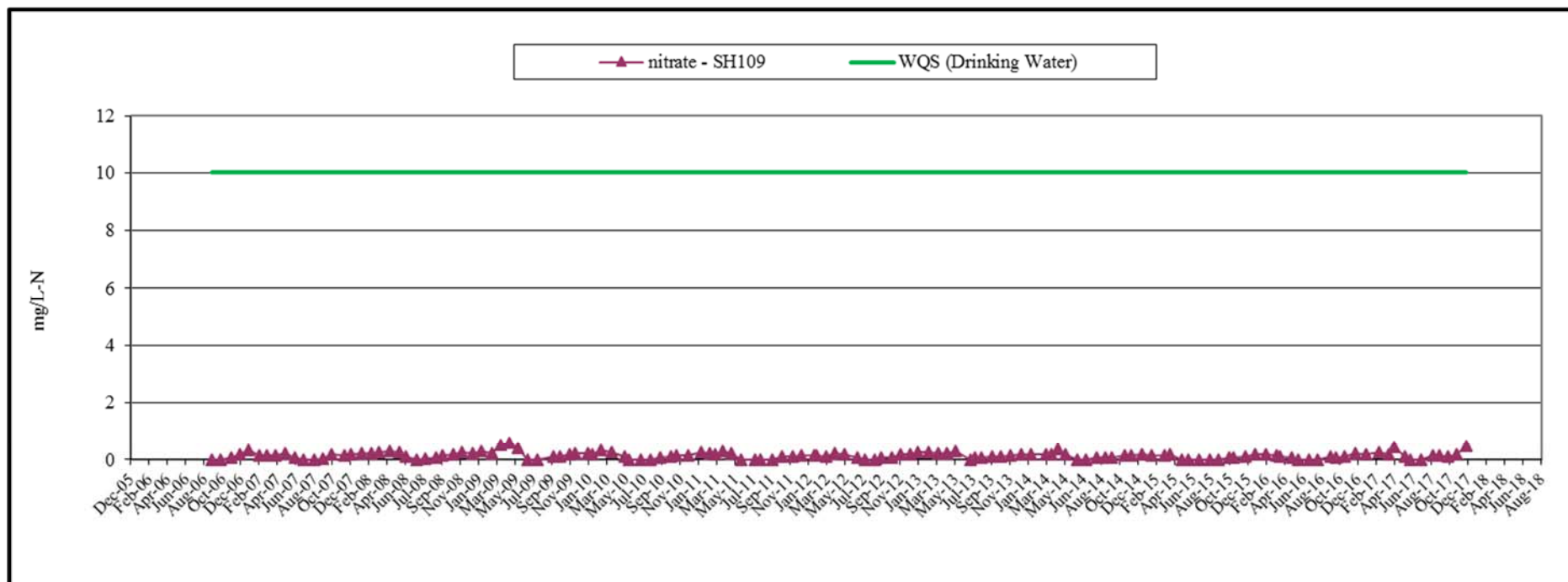


Figure 14b: Sherman Creek (SH109) Monitoring Results 2006-2017, Major Chemistry

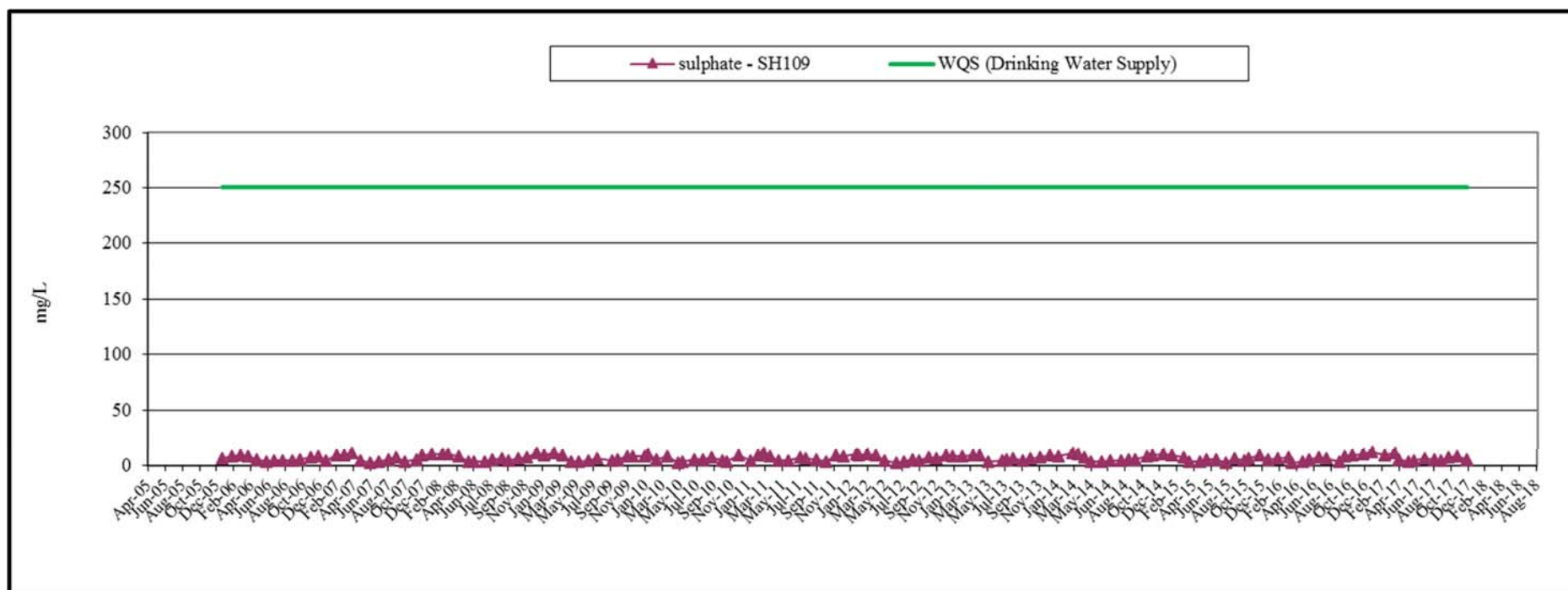


Figure 14b: Sherman Creek (SH109) Monitoring Results 2006-2017, Major Chemistry

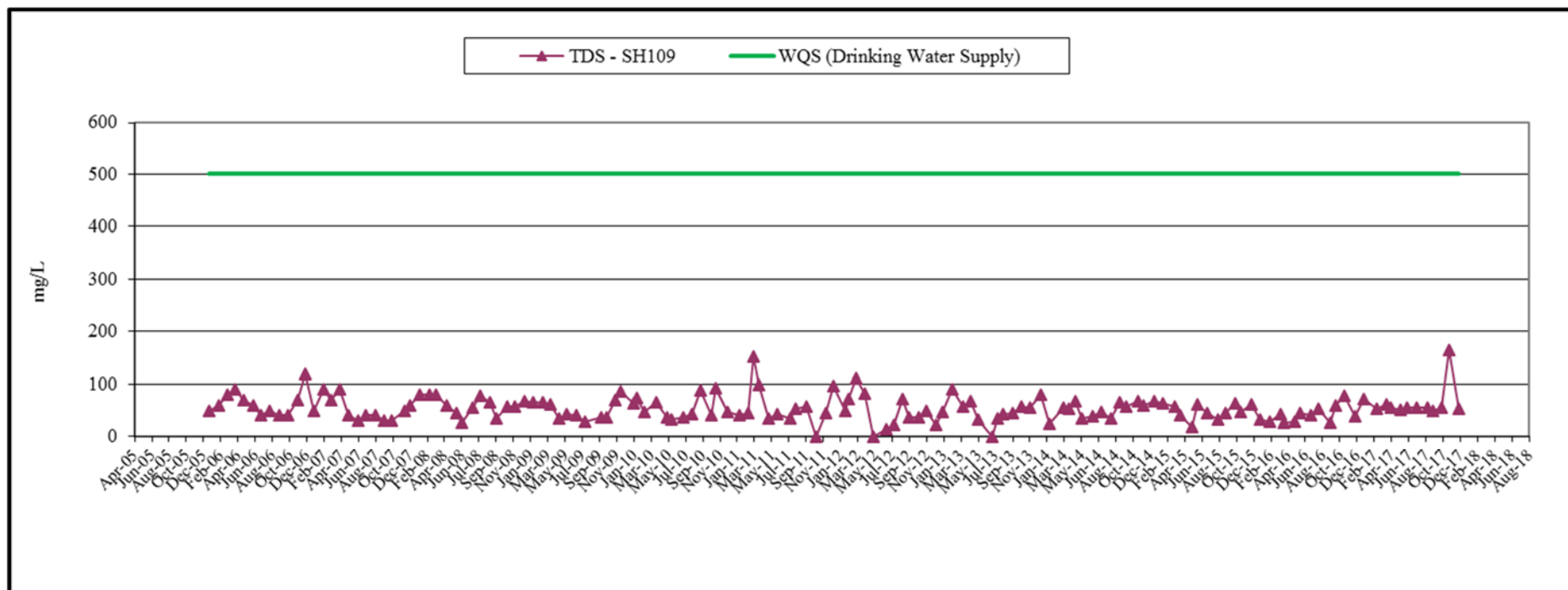


Figure 14b: Sherman Creek (SH109) Monitoring Results 2006-2017, Major Chemistry

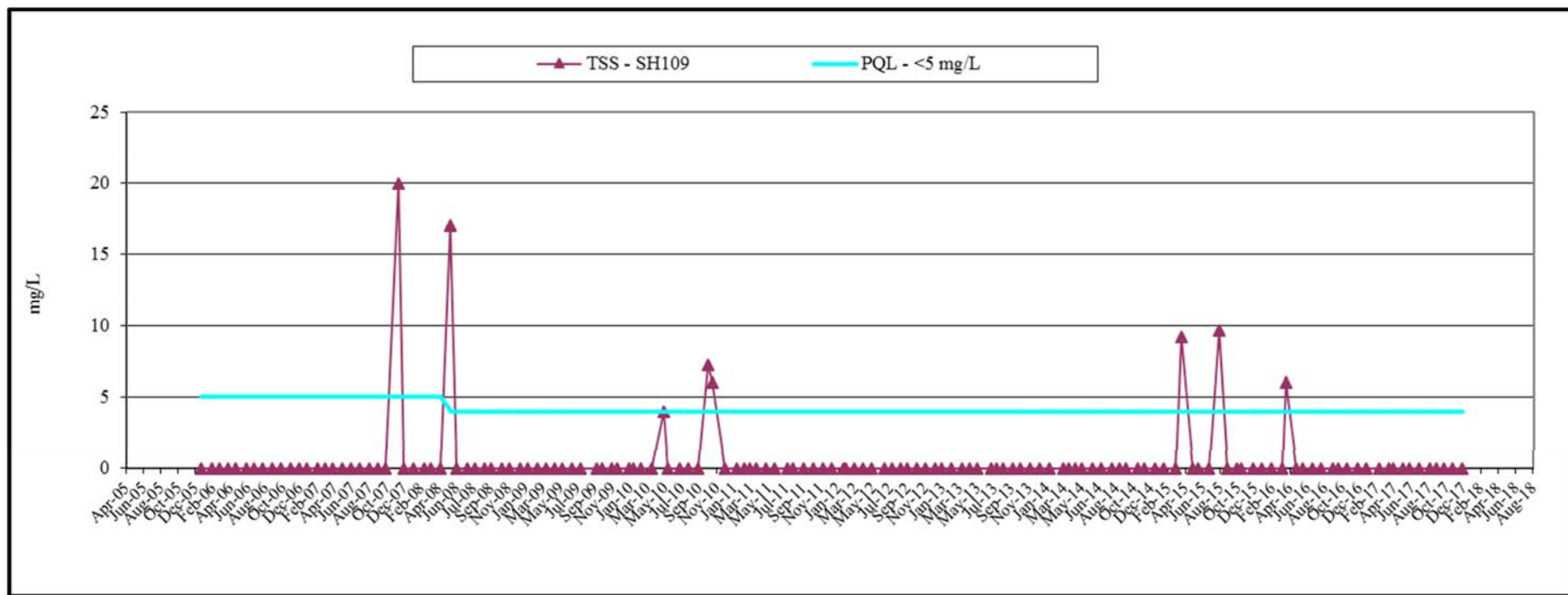


Figure 14b: Sherman Creek (SH109) Monitoring Results 2006-2017, Major Chemistry

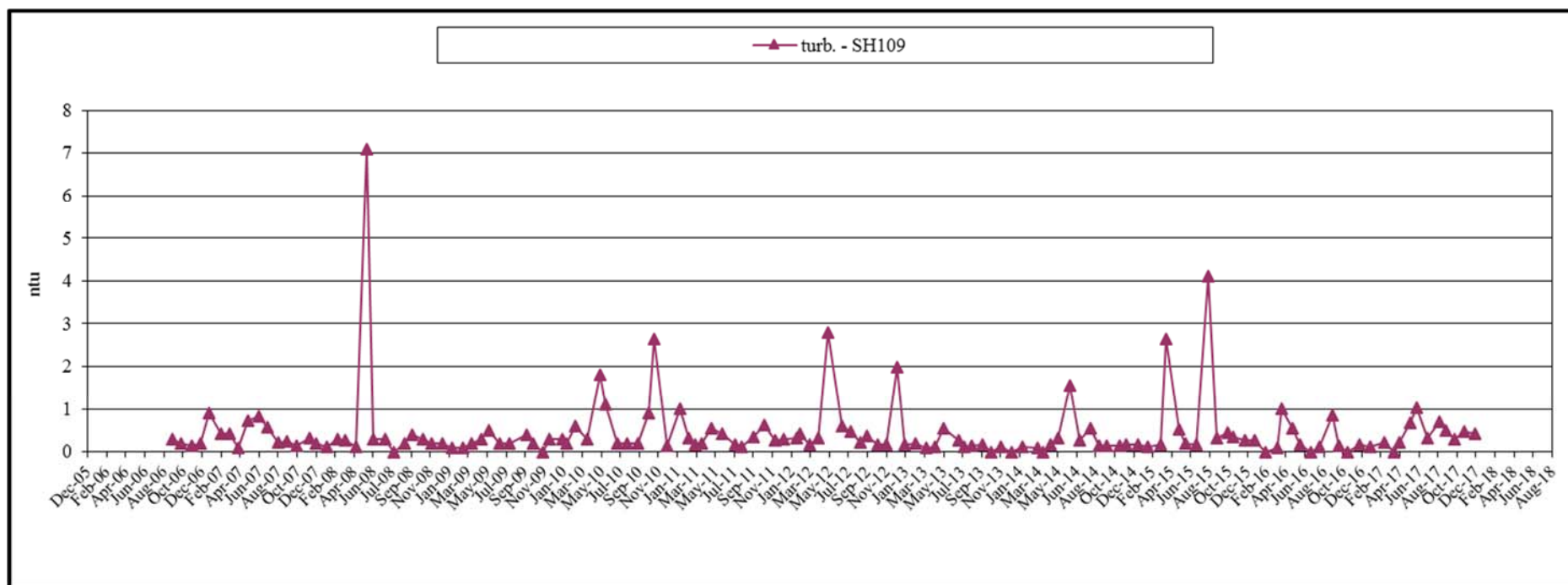


Figure 14b: Sherman Creek (SH109) Monitoring Results 2006-2017, Major Chemistry

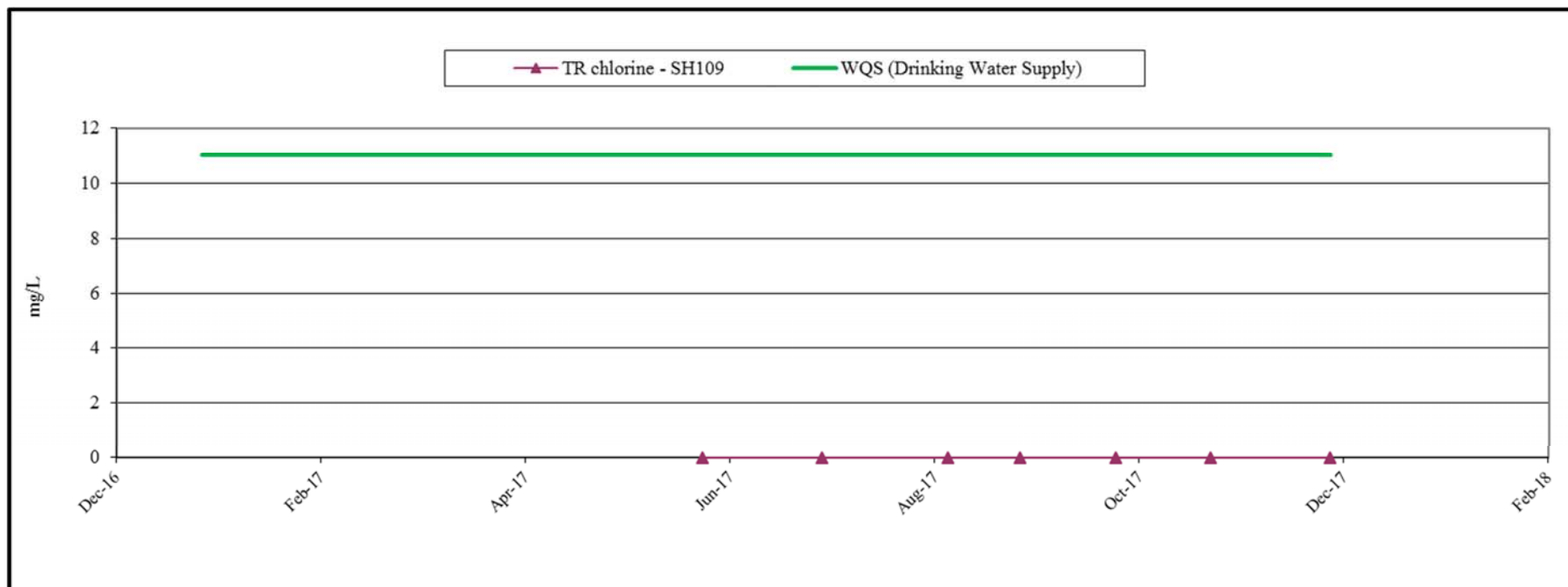


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

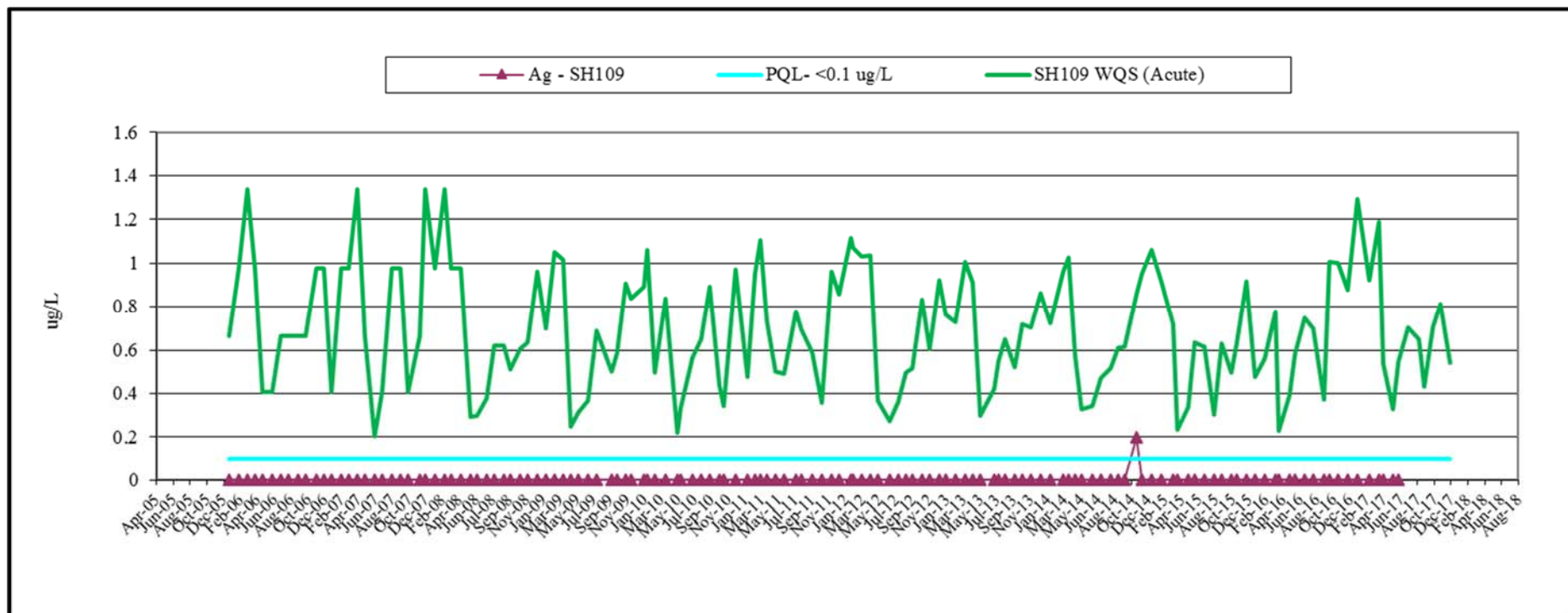


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

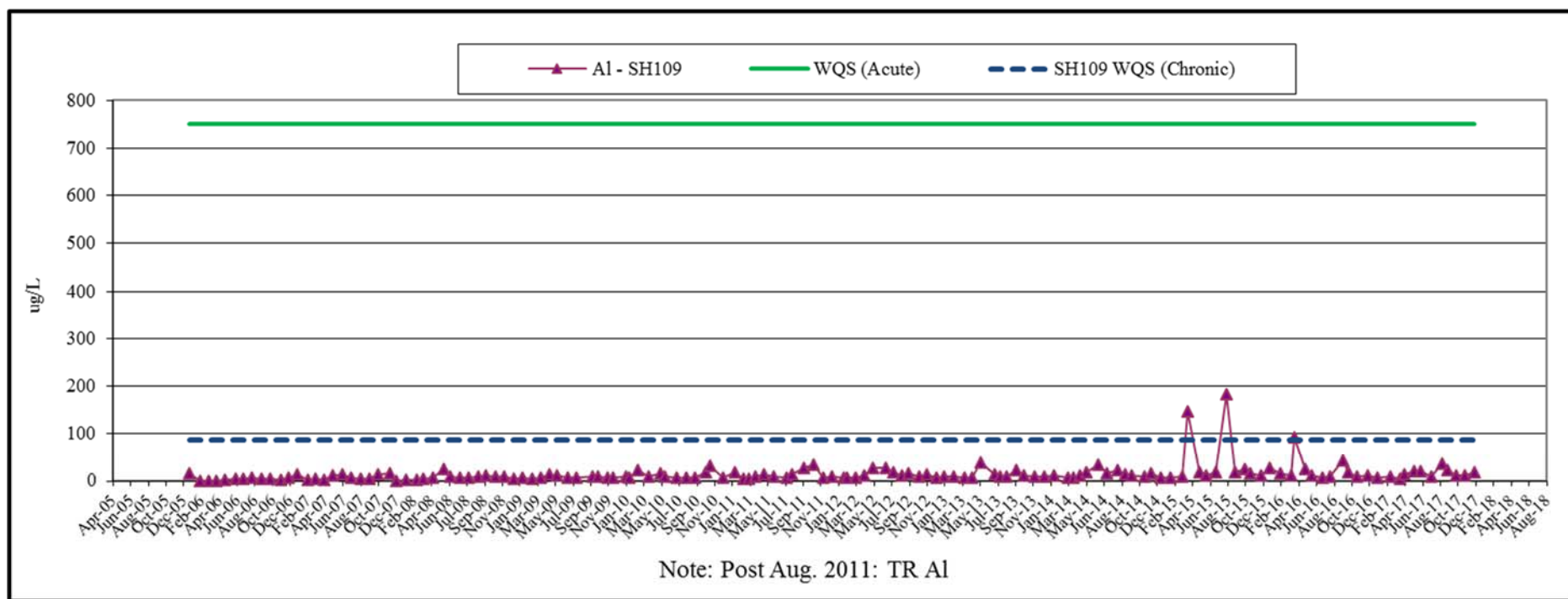


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

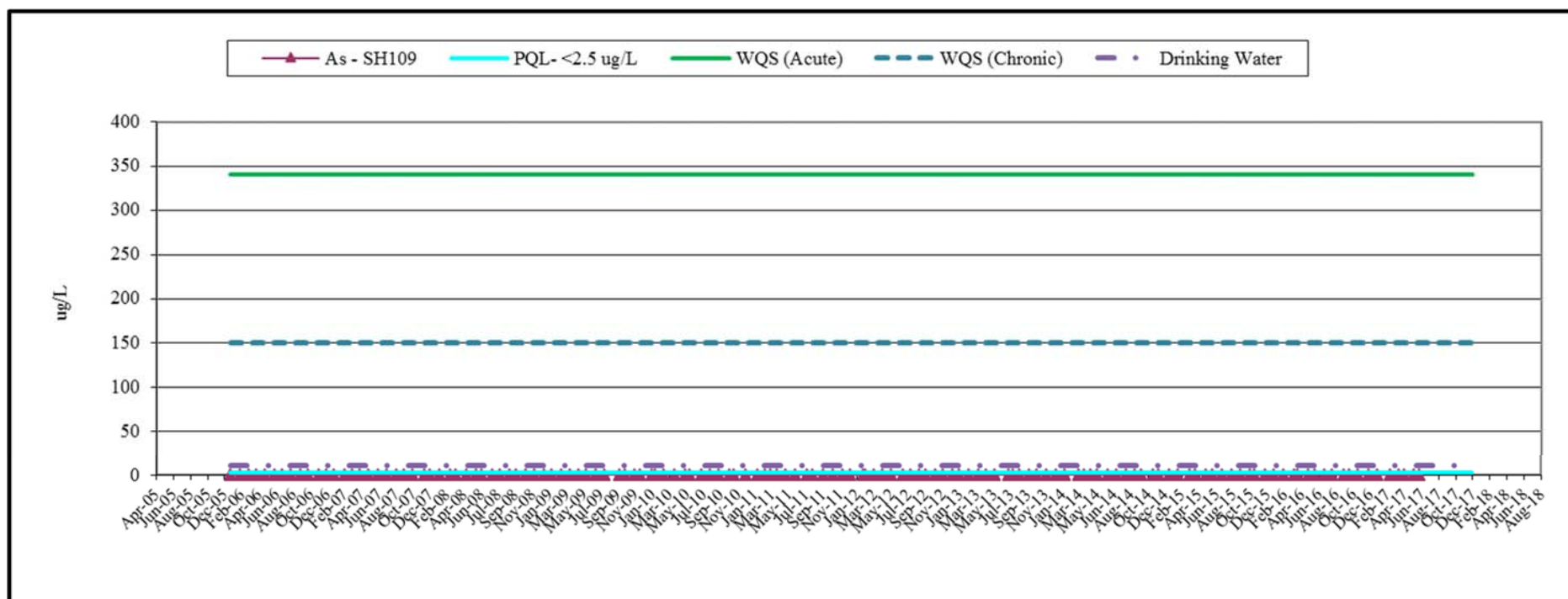


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

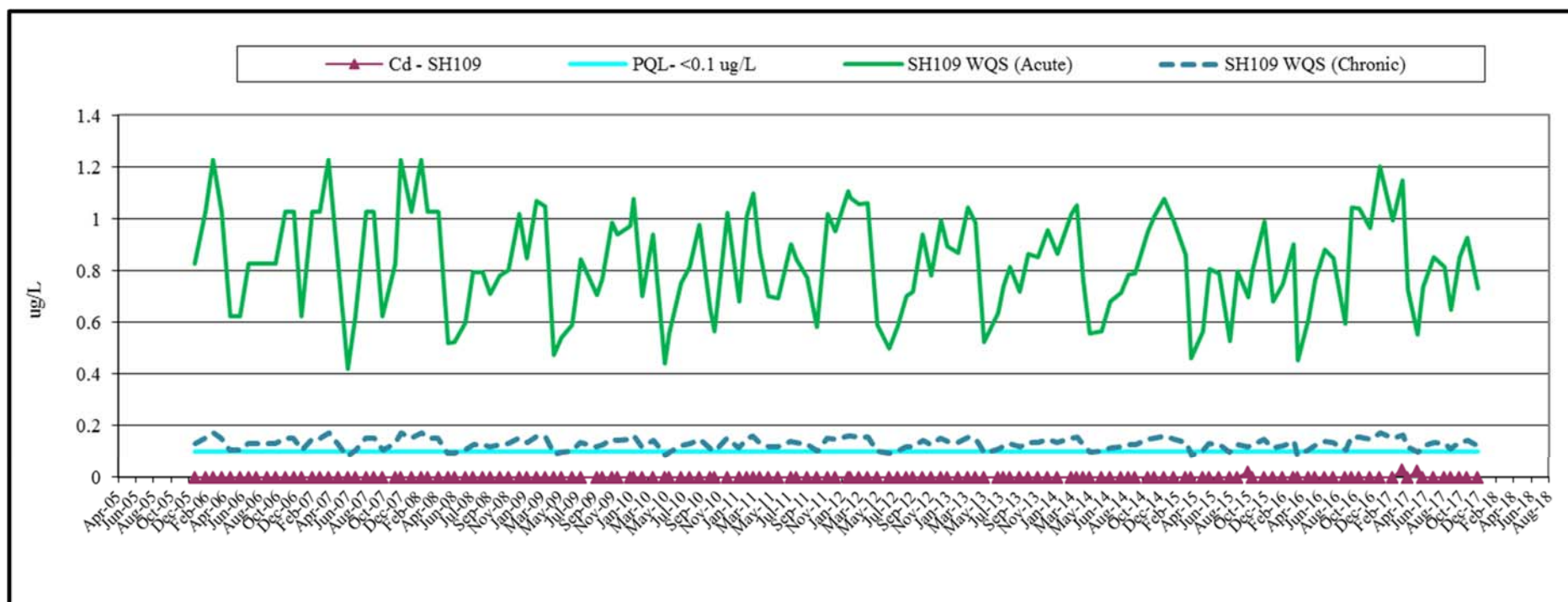


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

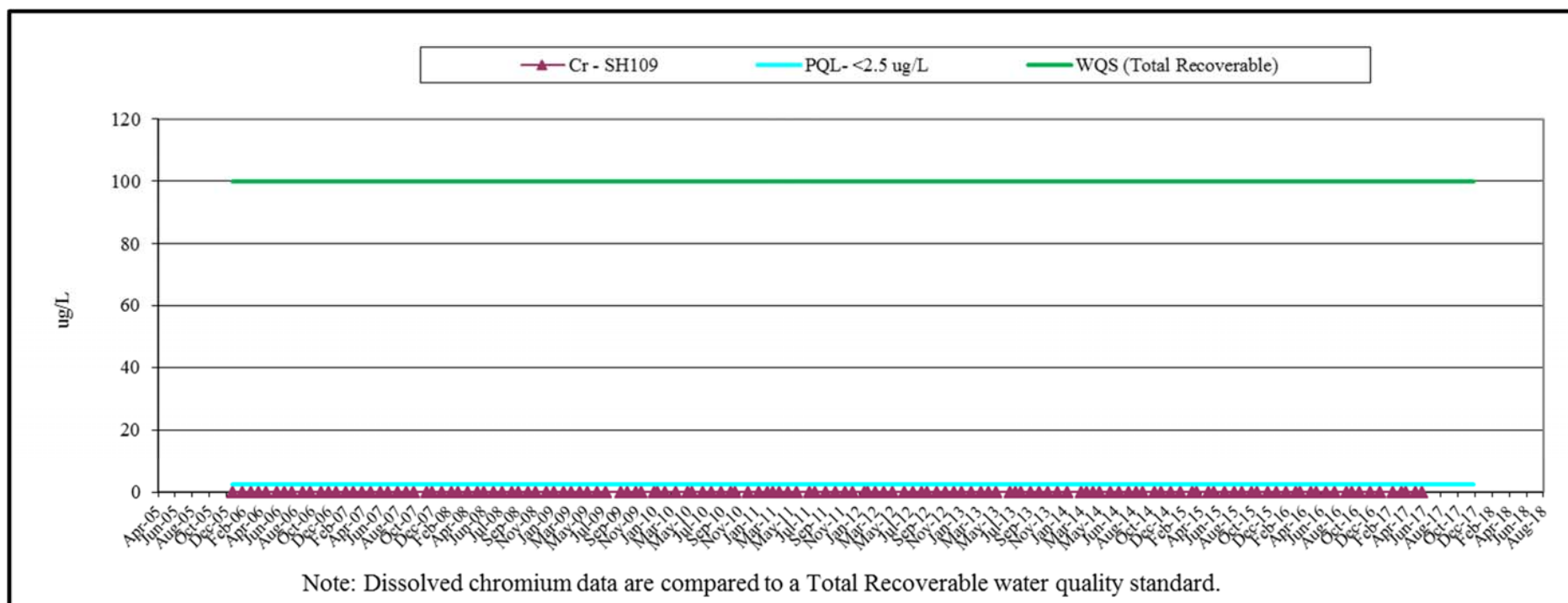


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

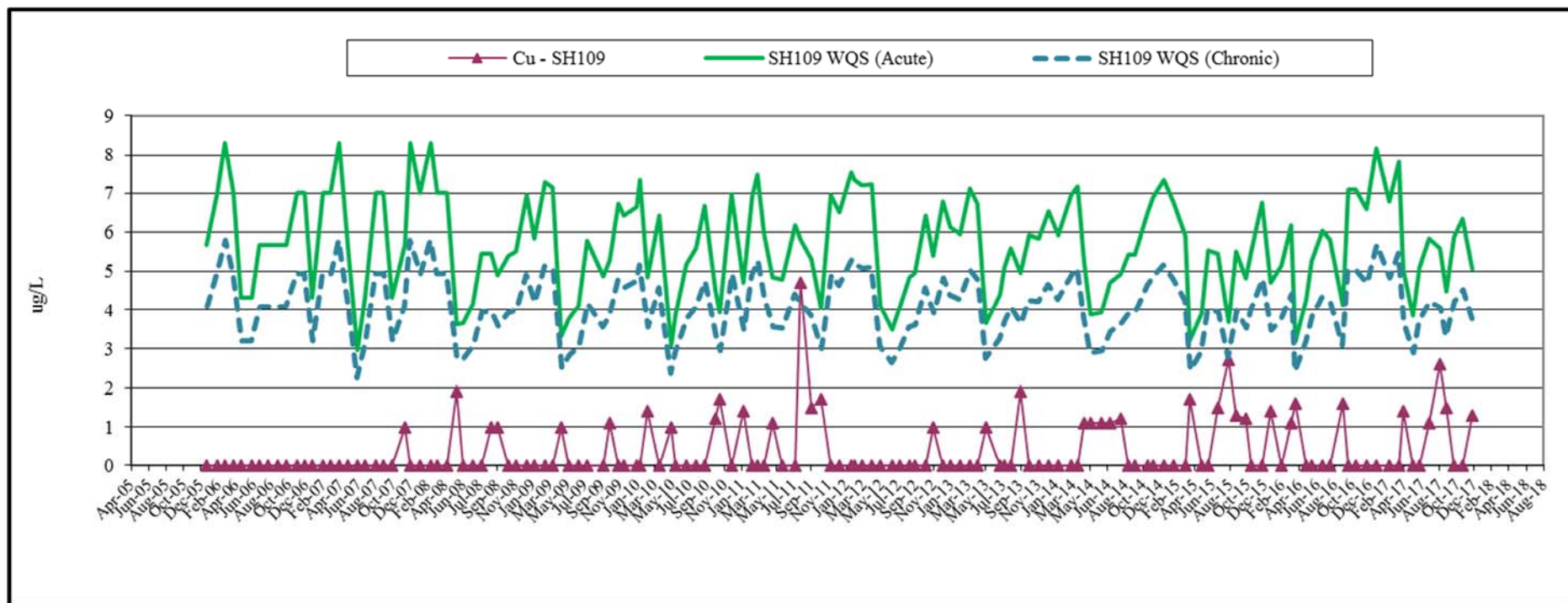


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

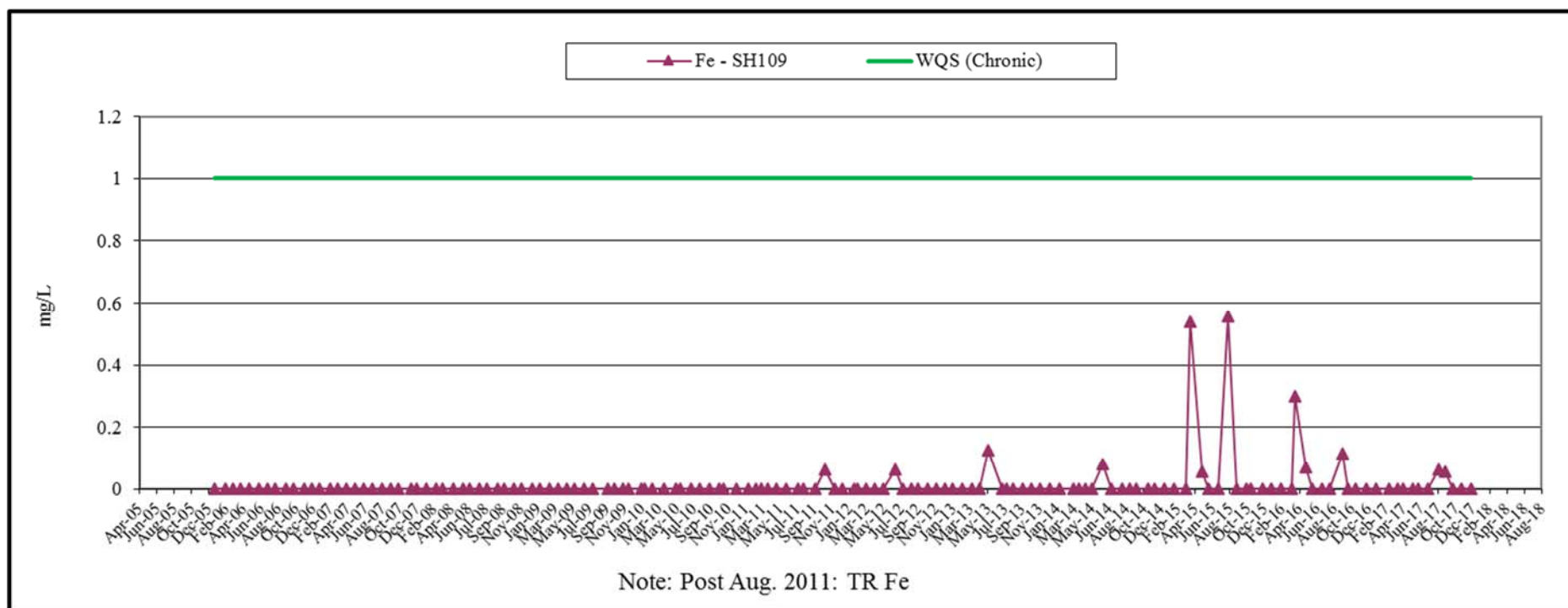


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

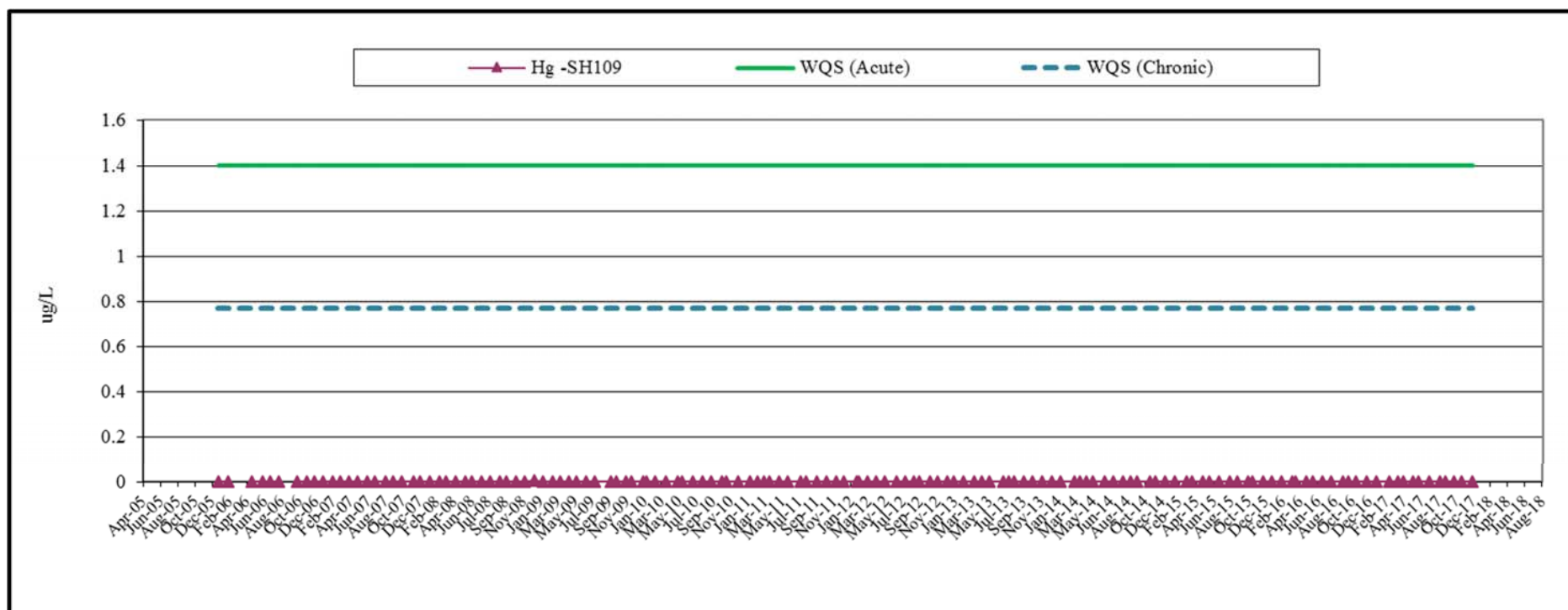


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

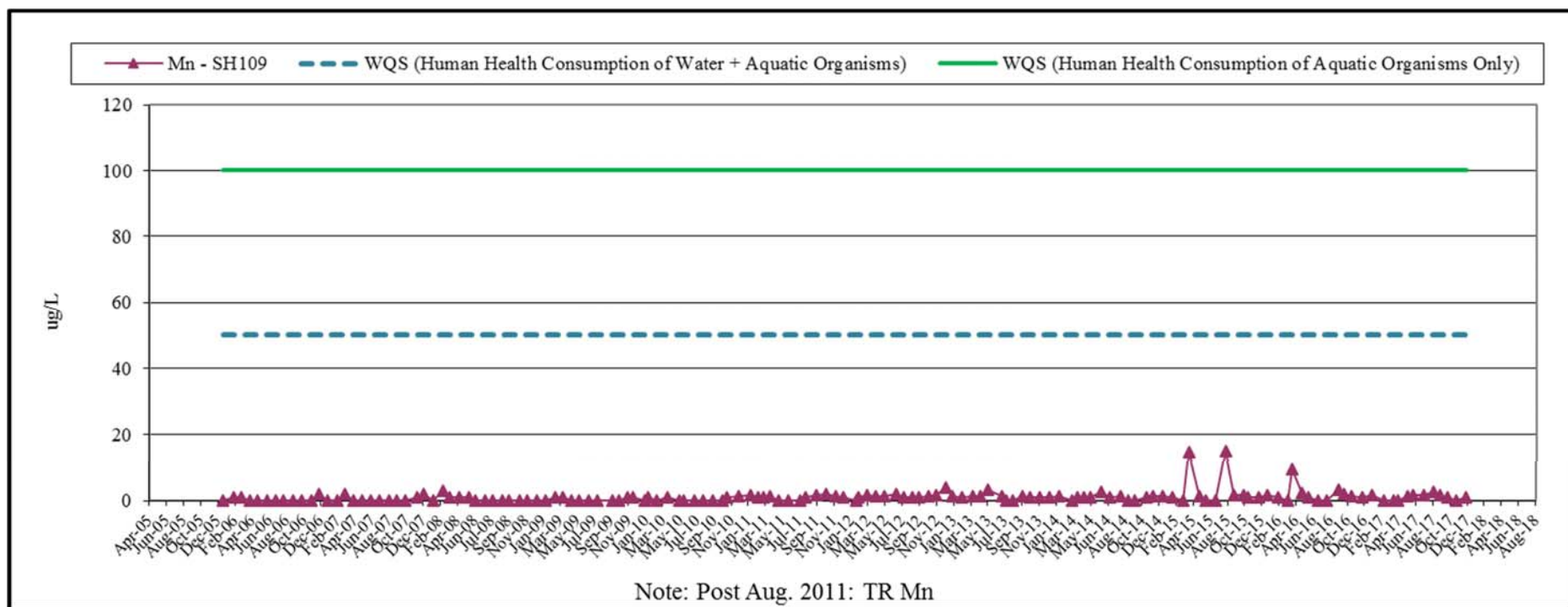


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

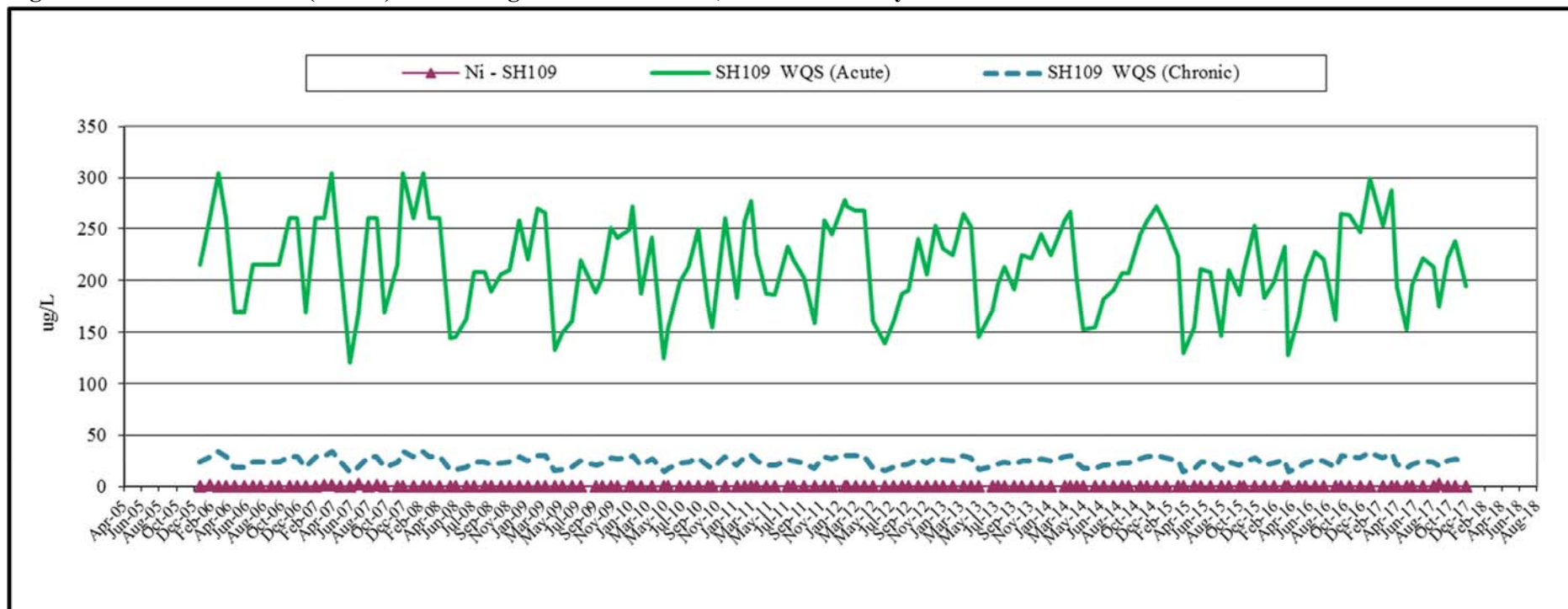


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

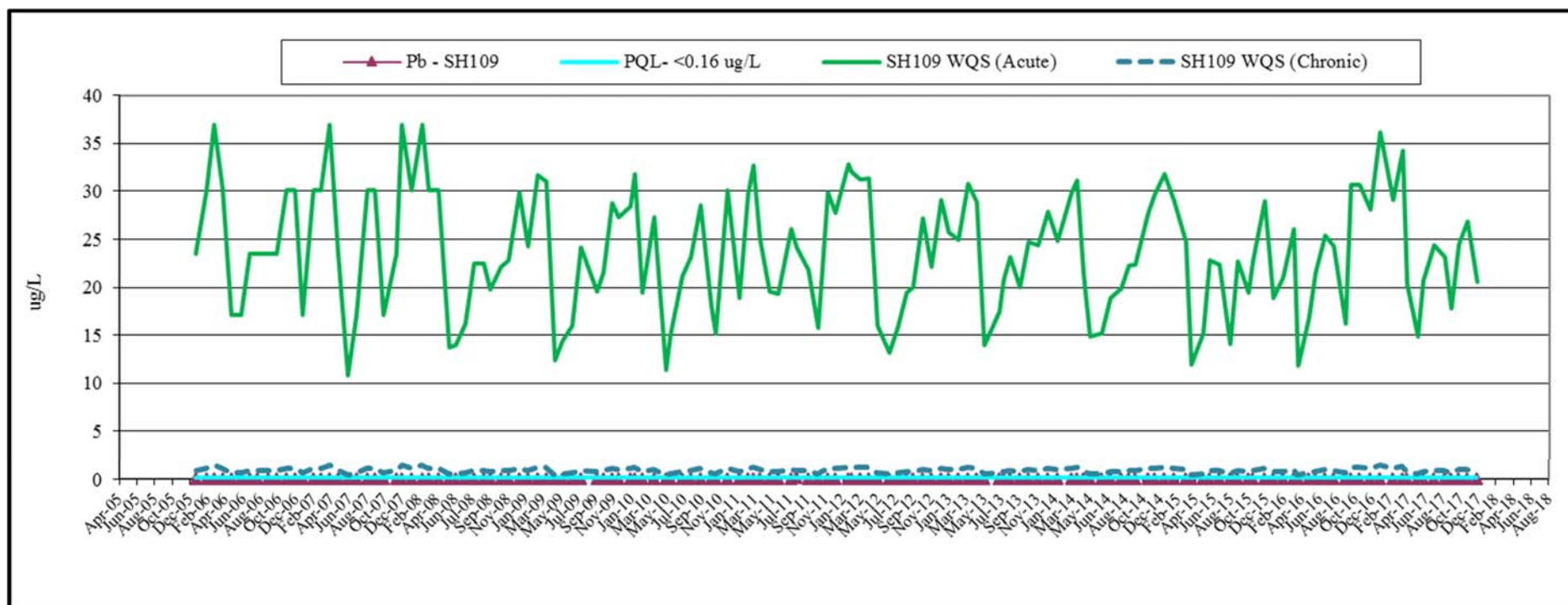


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

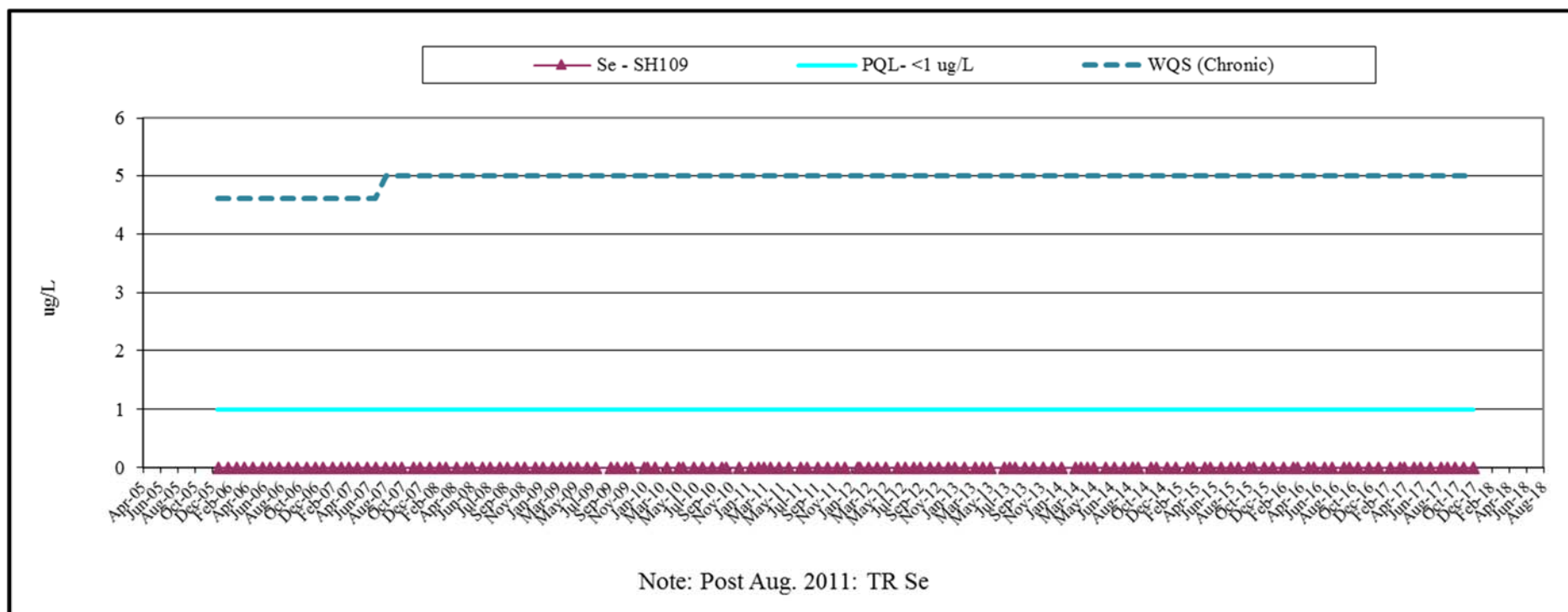


Figure 14c: Sherman Creek (SH109) Monitoring Results 2006-2017, Trace Chemistry

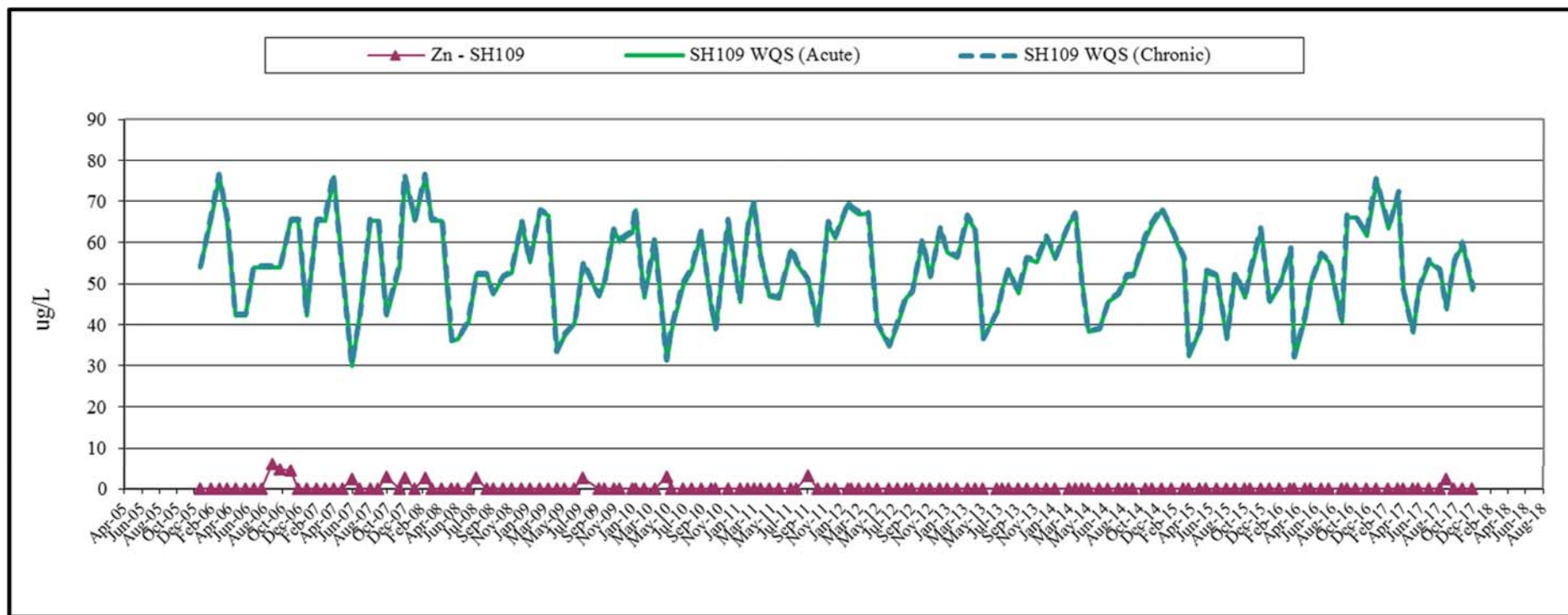


Figure 15a: Sherman Creek (SH113) Monitoring Results 2007-2017, Field Parameters

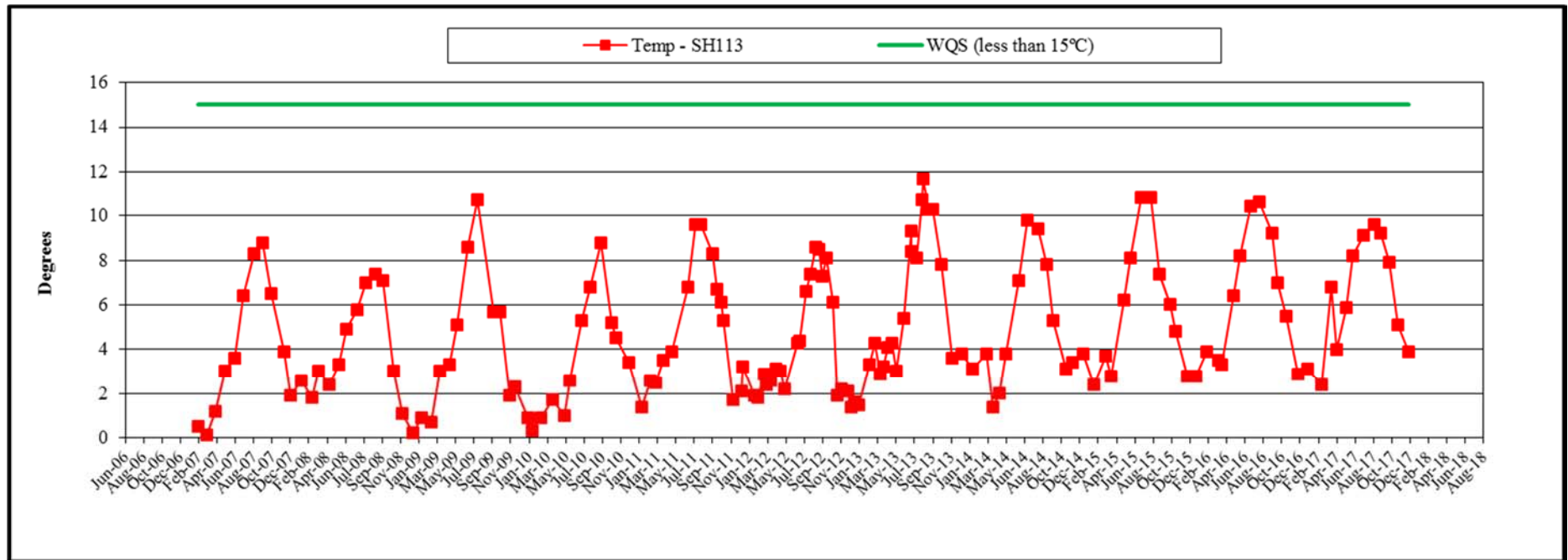


Figure 15a: Sherman Creek (SH113) Monitoring Results 2007-2017, Field Parameters

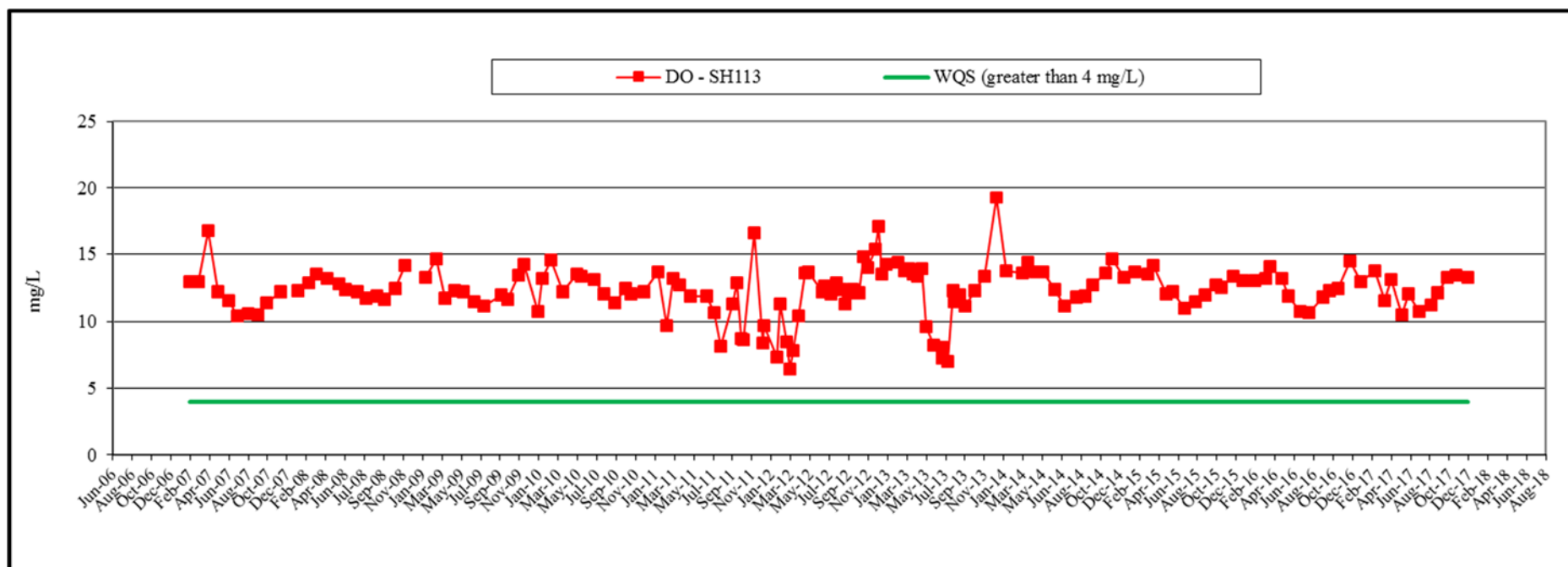


Figure 15a: Sherman Creek (SH113) Monitoring Results 2007-2017, Field Parameters

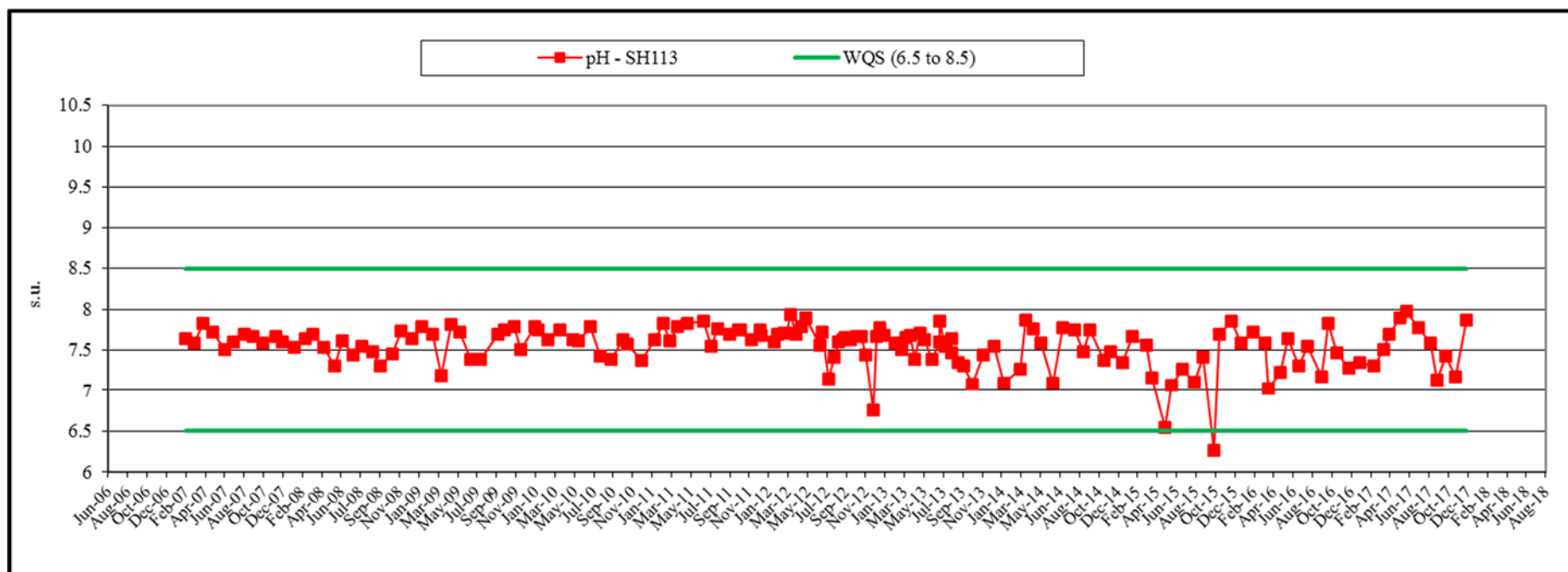


Figure 15a: Sherman Creek (SH113) Monitoring Results 2007-2017, Field Parameters

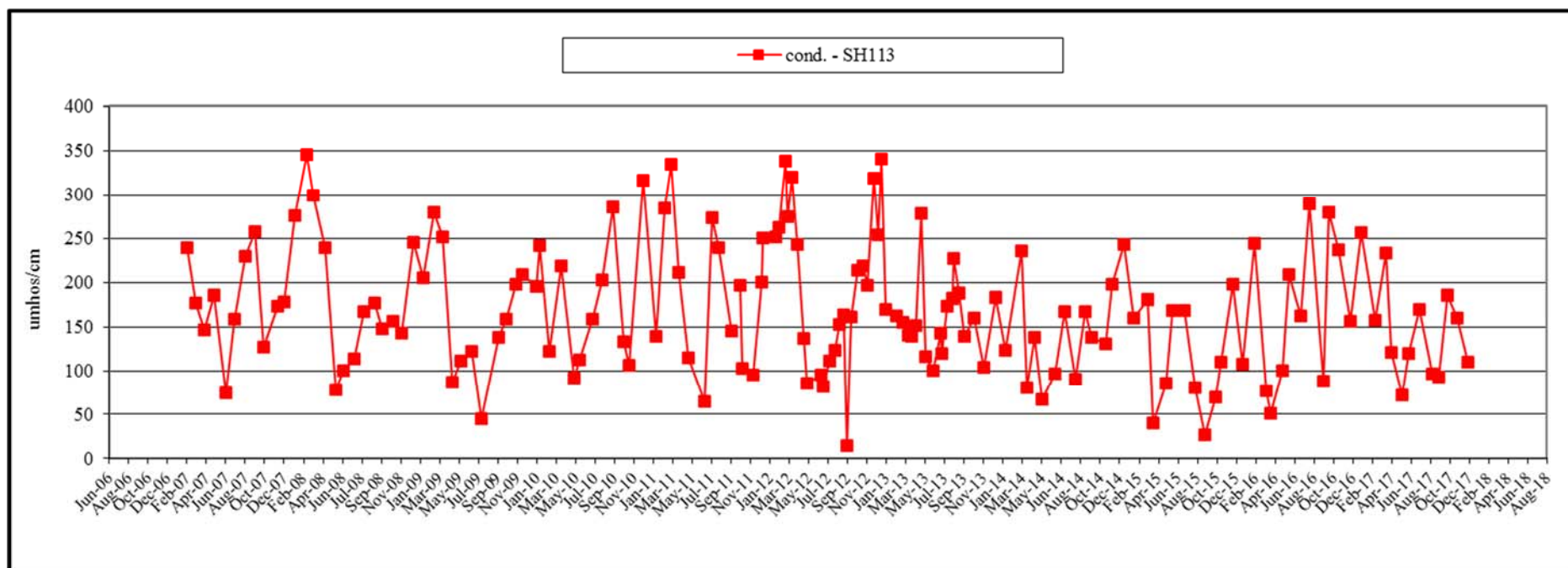


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

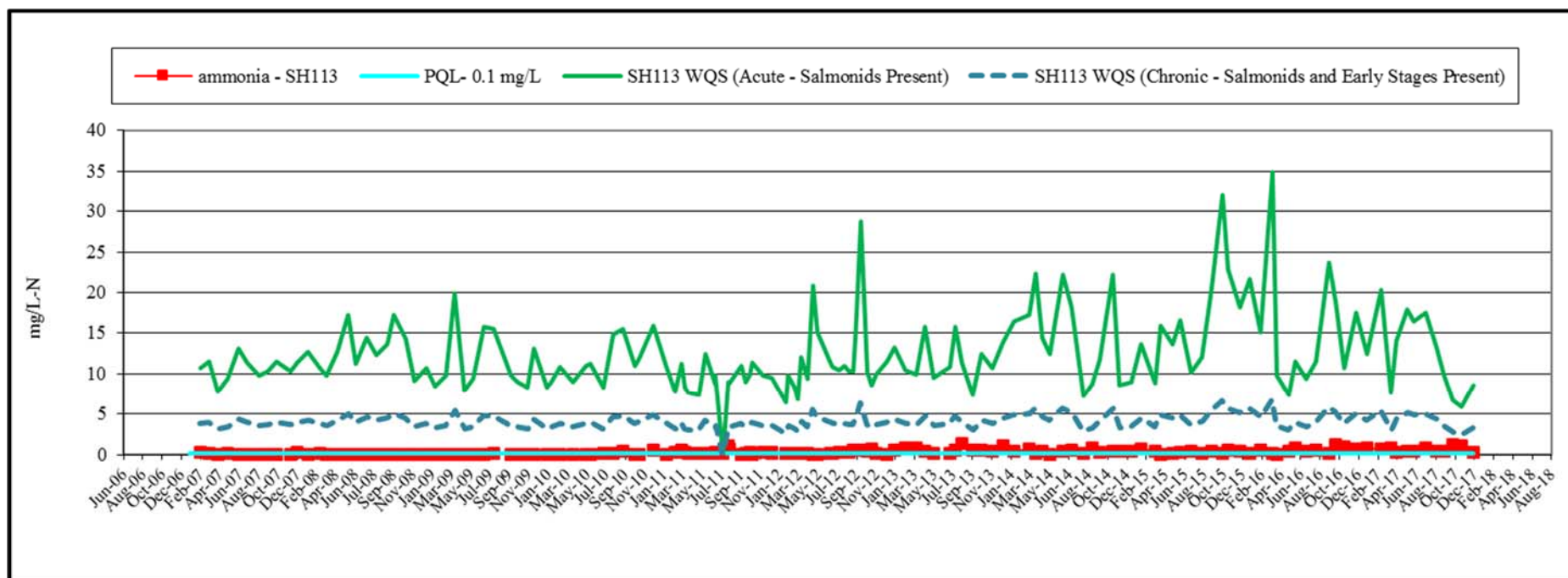


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

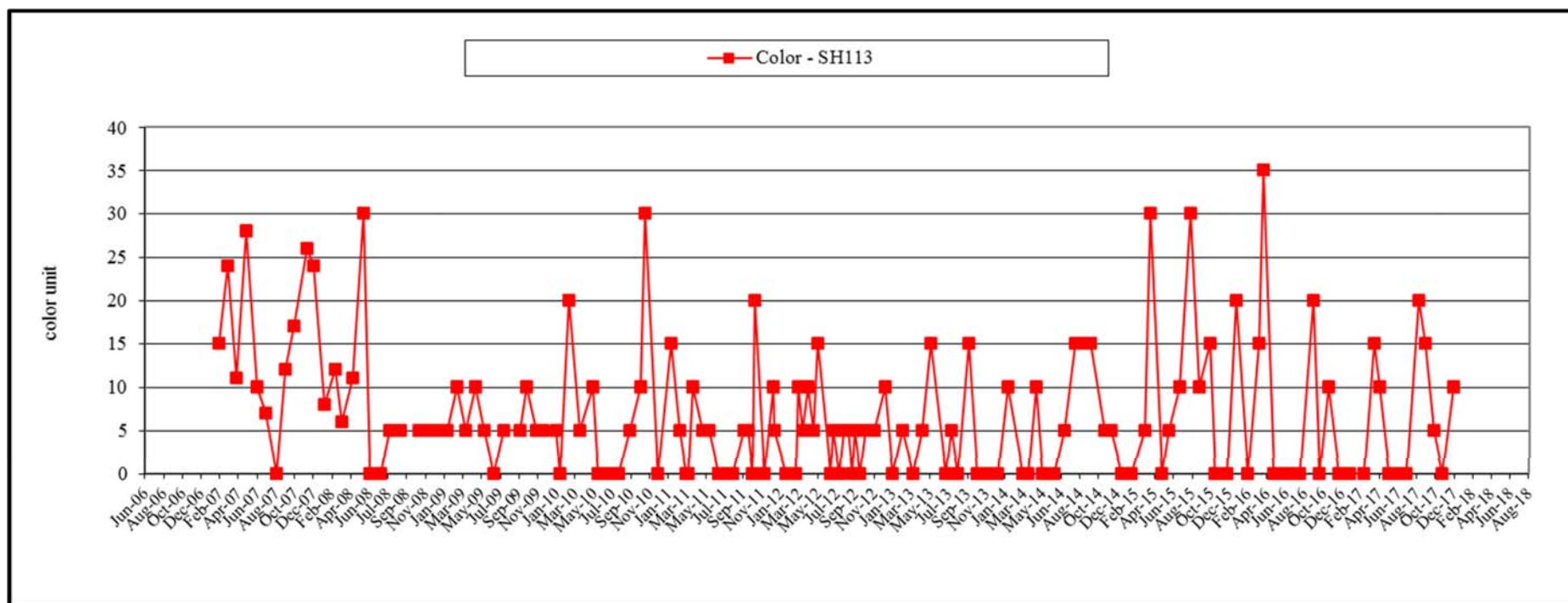


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

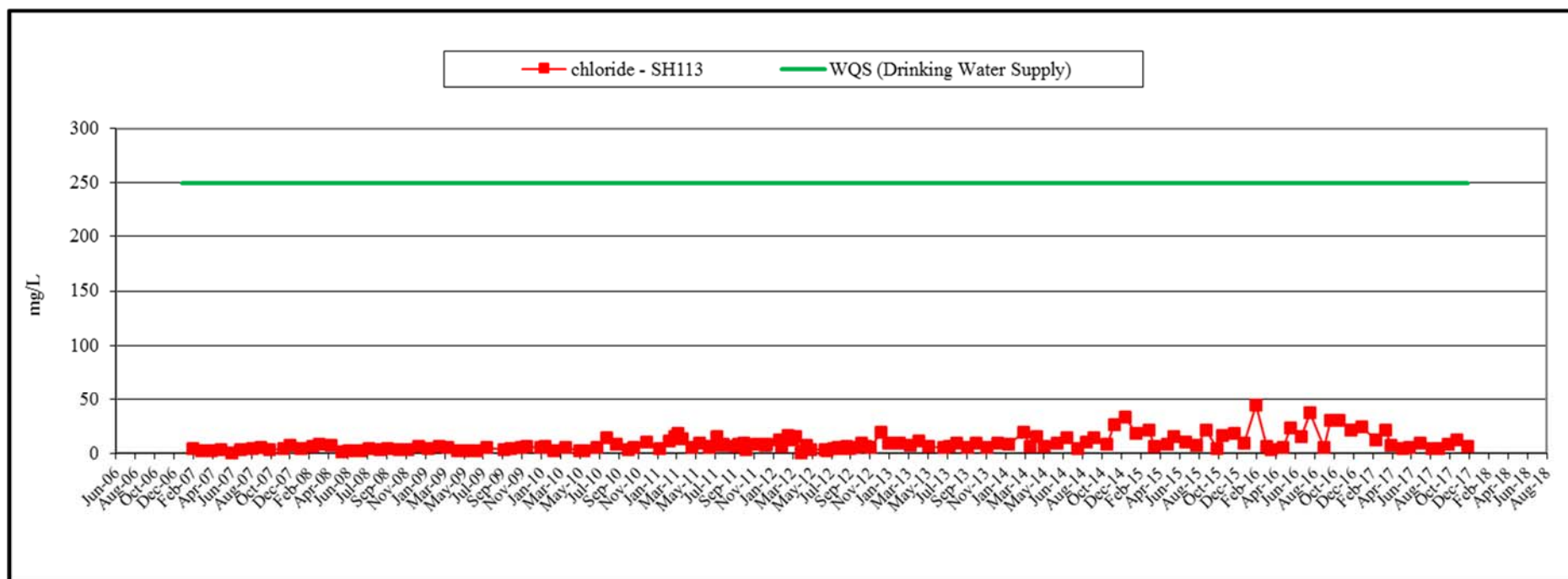


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

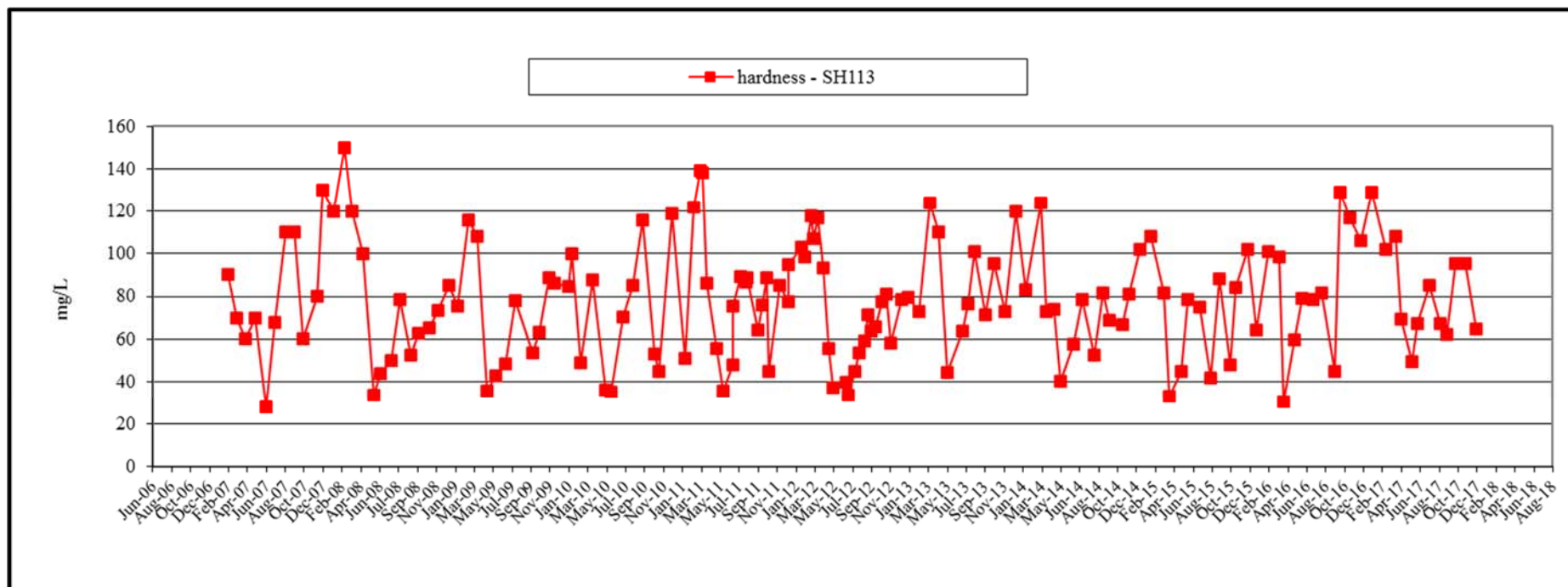


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

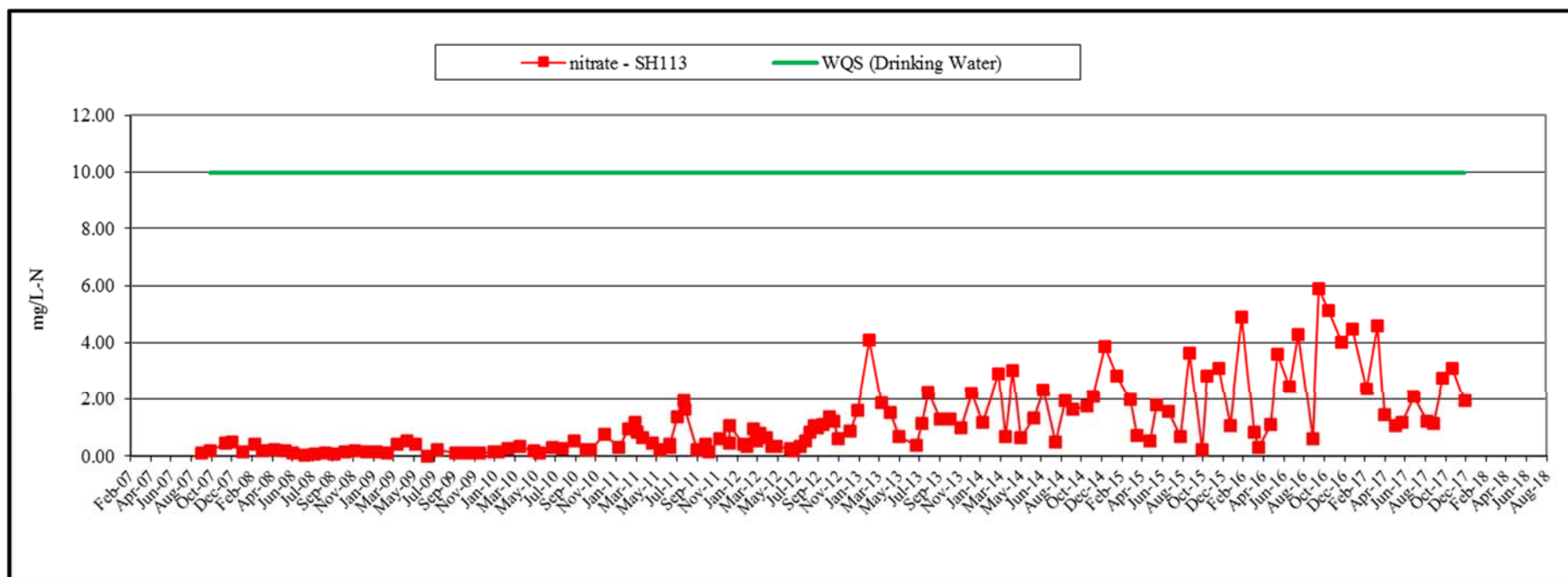


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

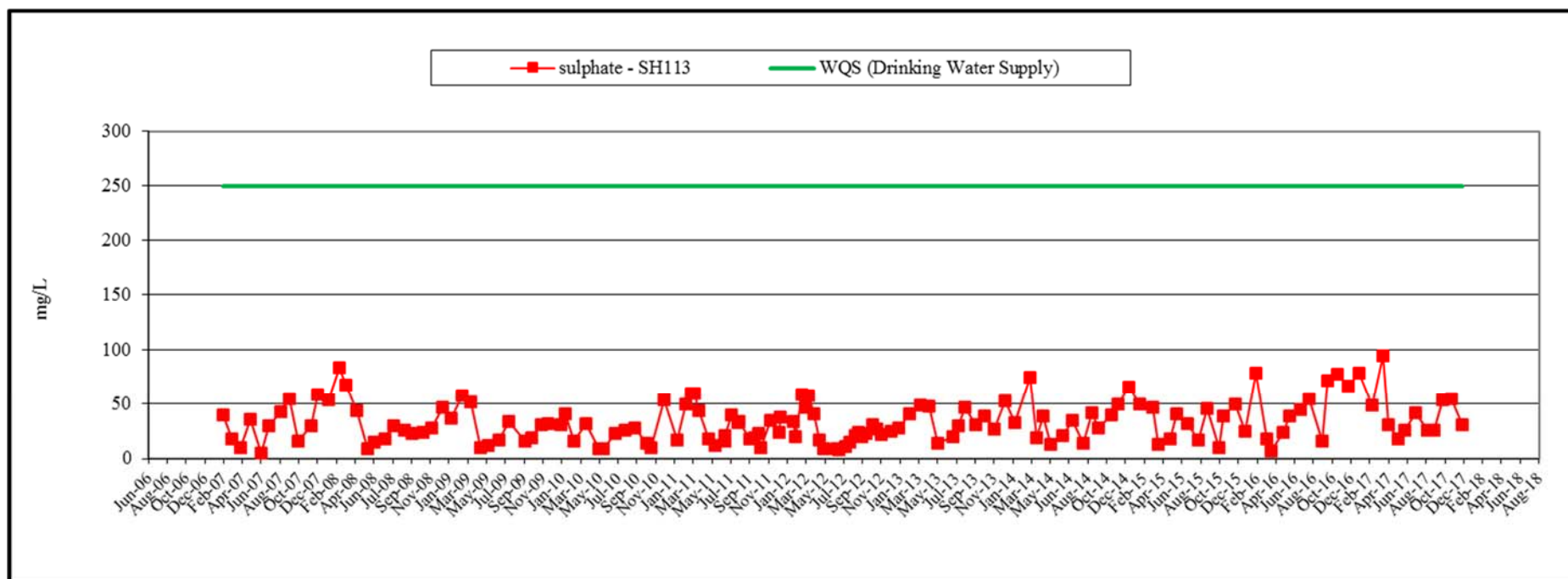


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

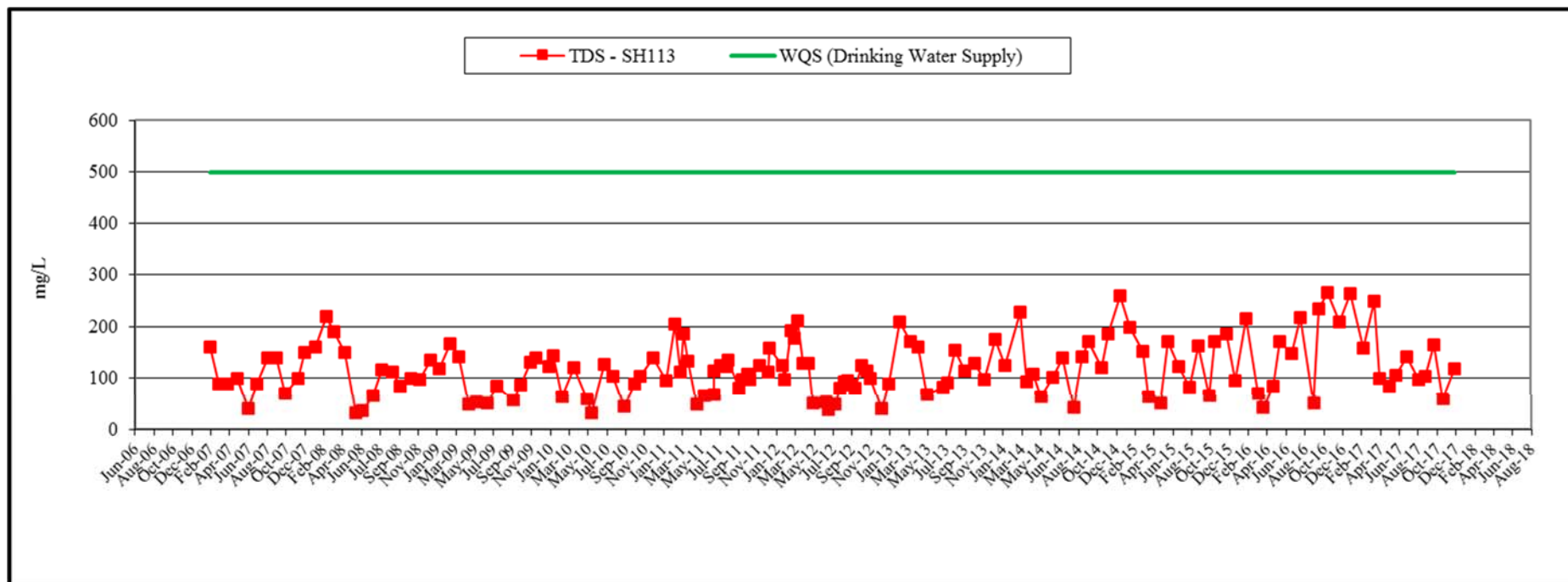


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

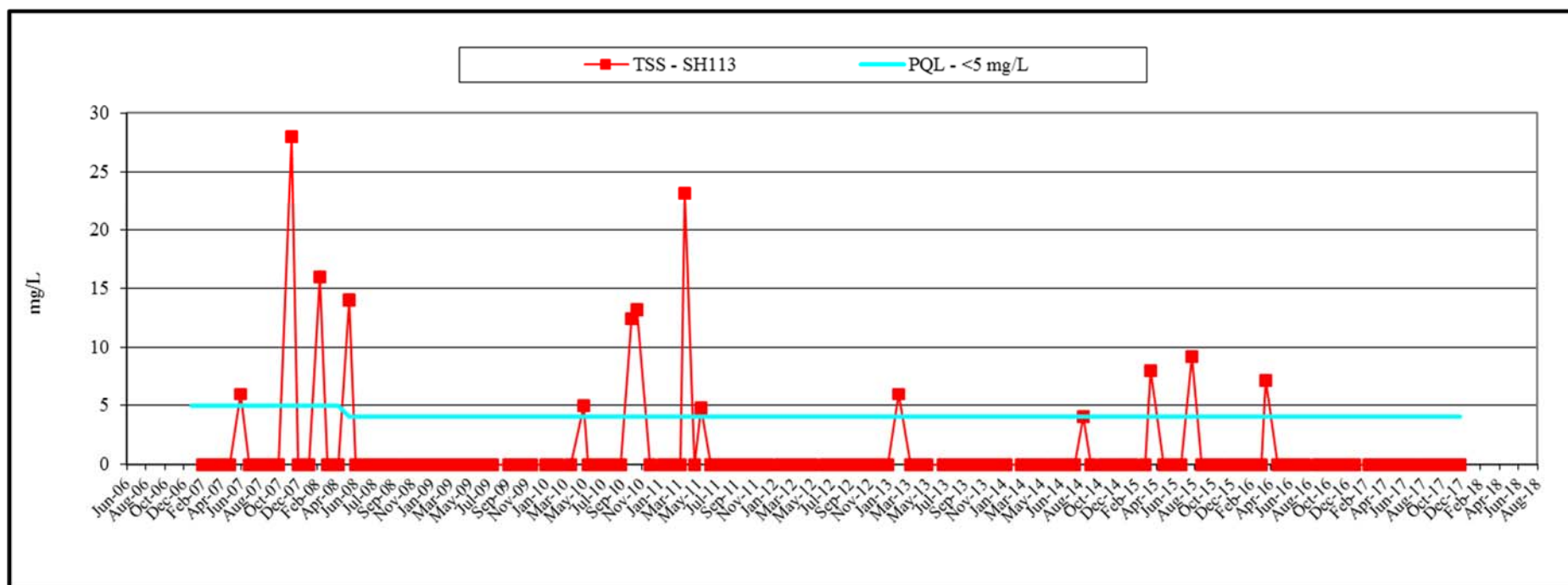


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

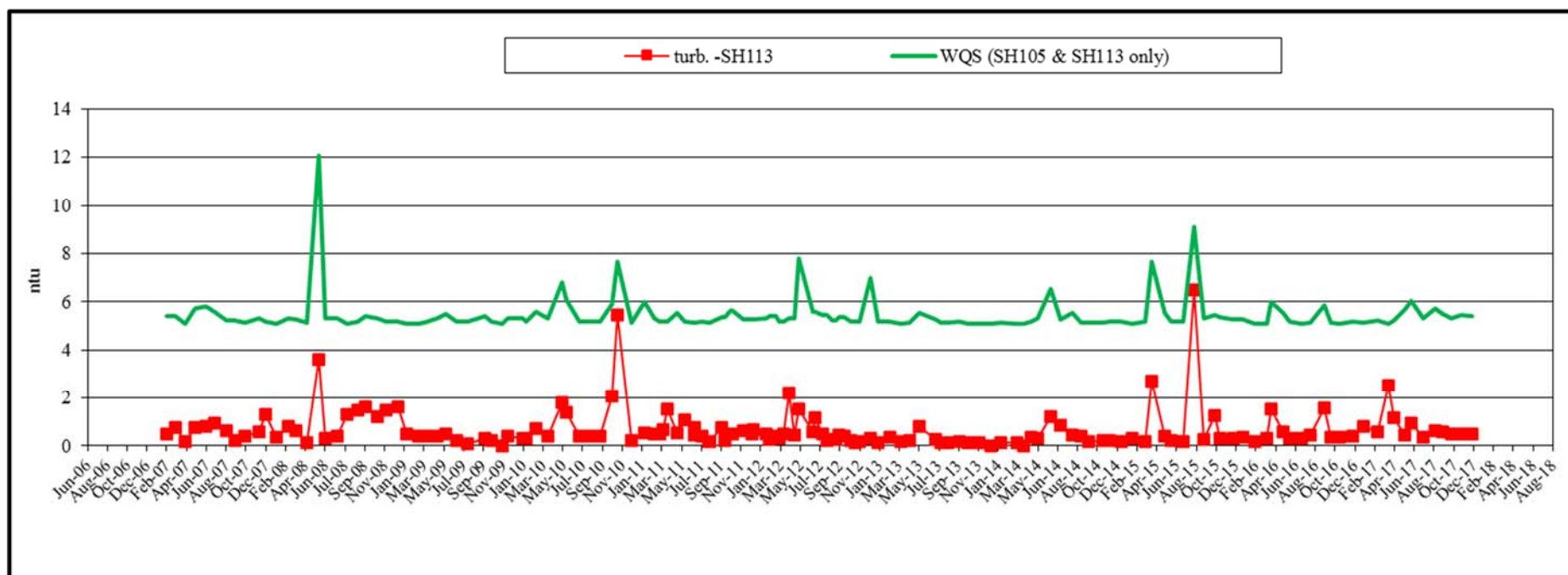


Figure 15b: Sherman Creek (SH113) Monitoring Results 2007-2017, Major Chemistry

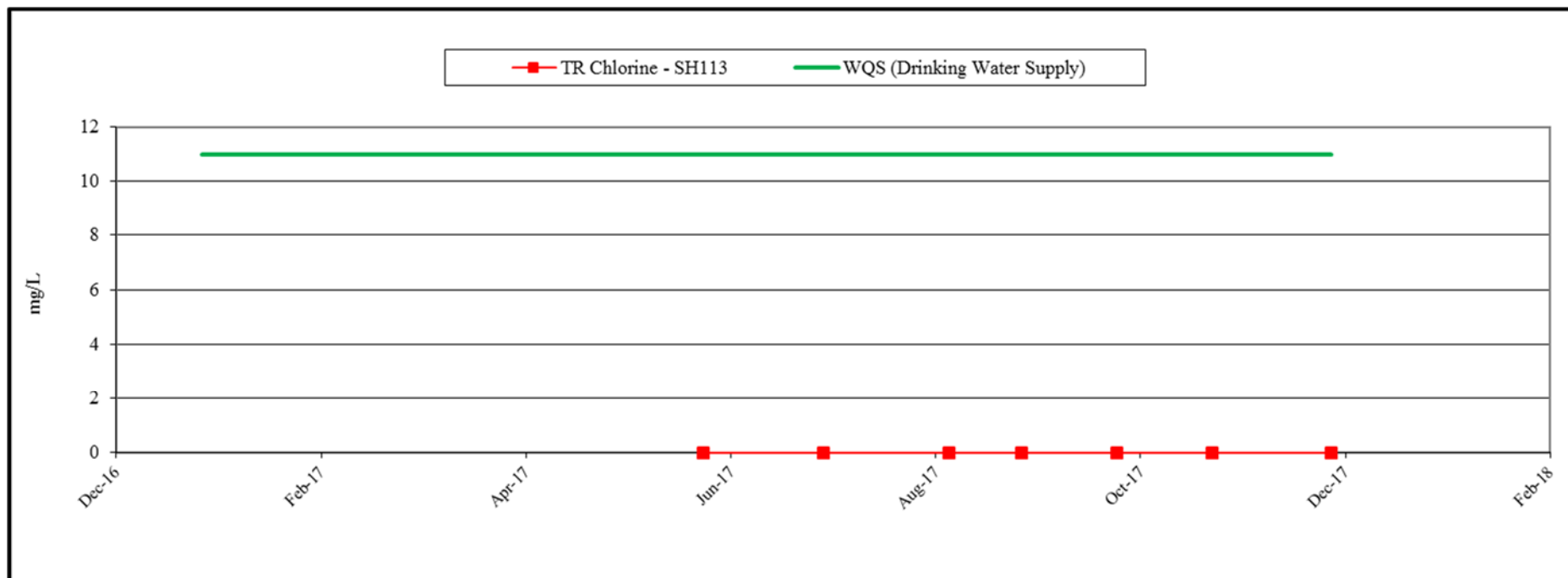


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

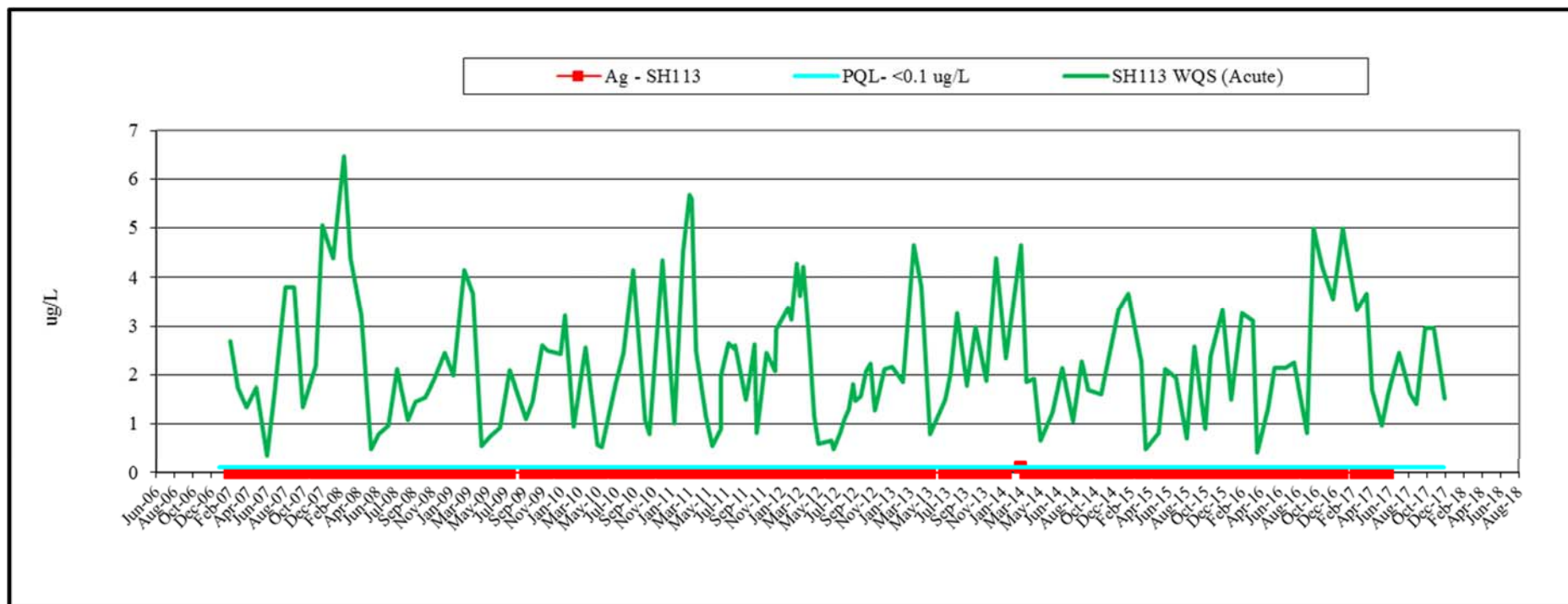


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

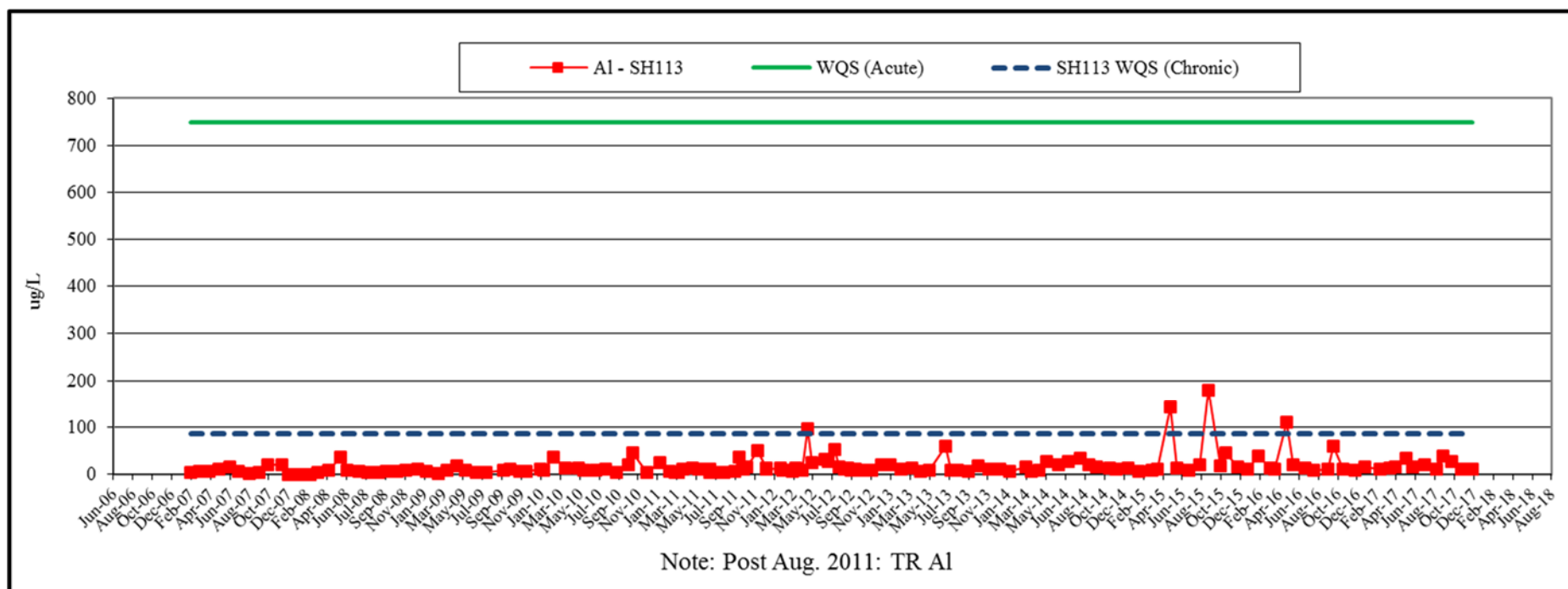


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

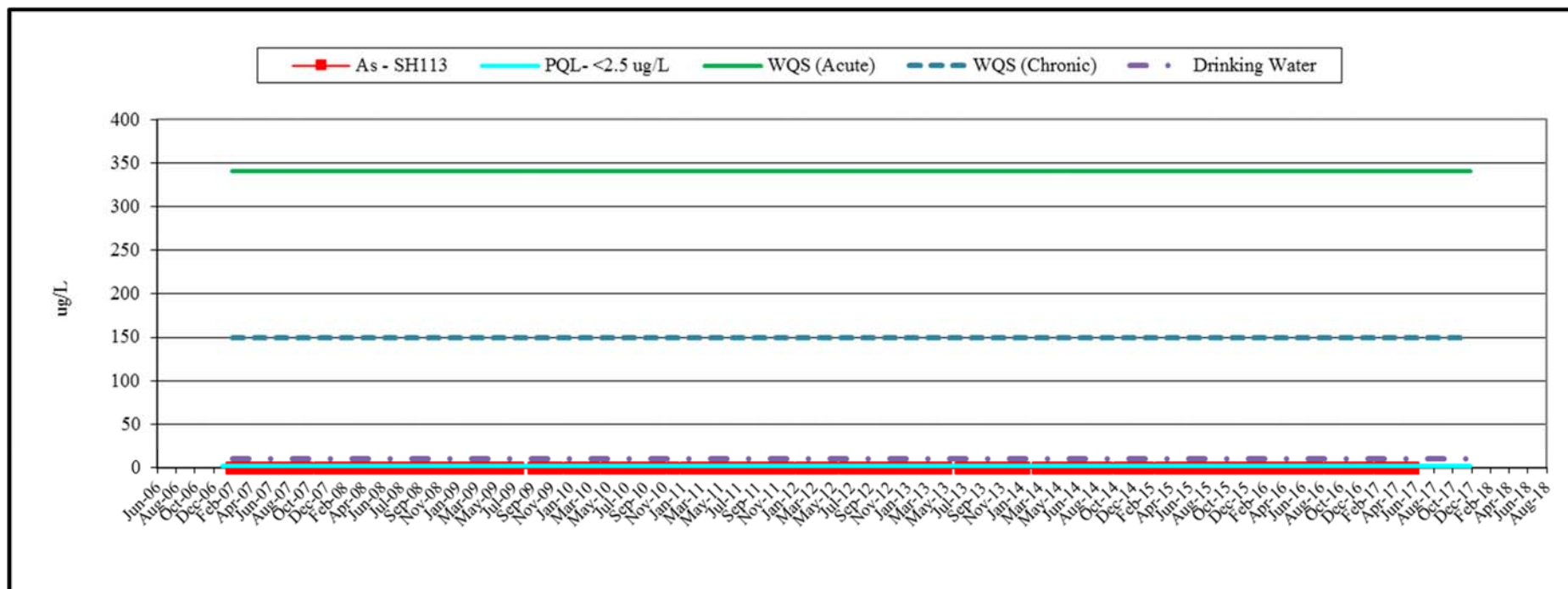


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

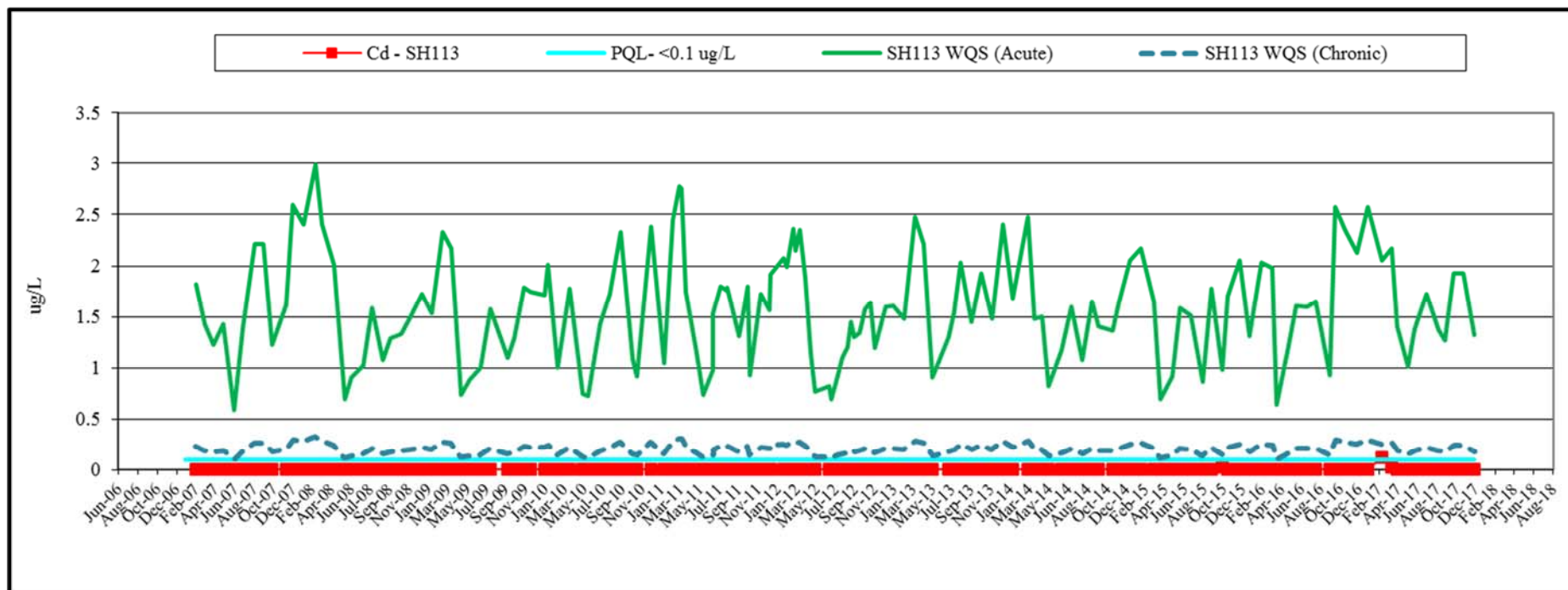


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

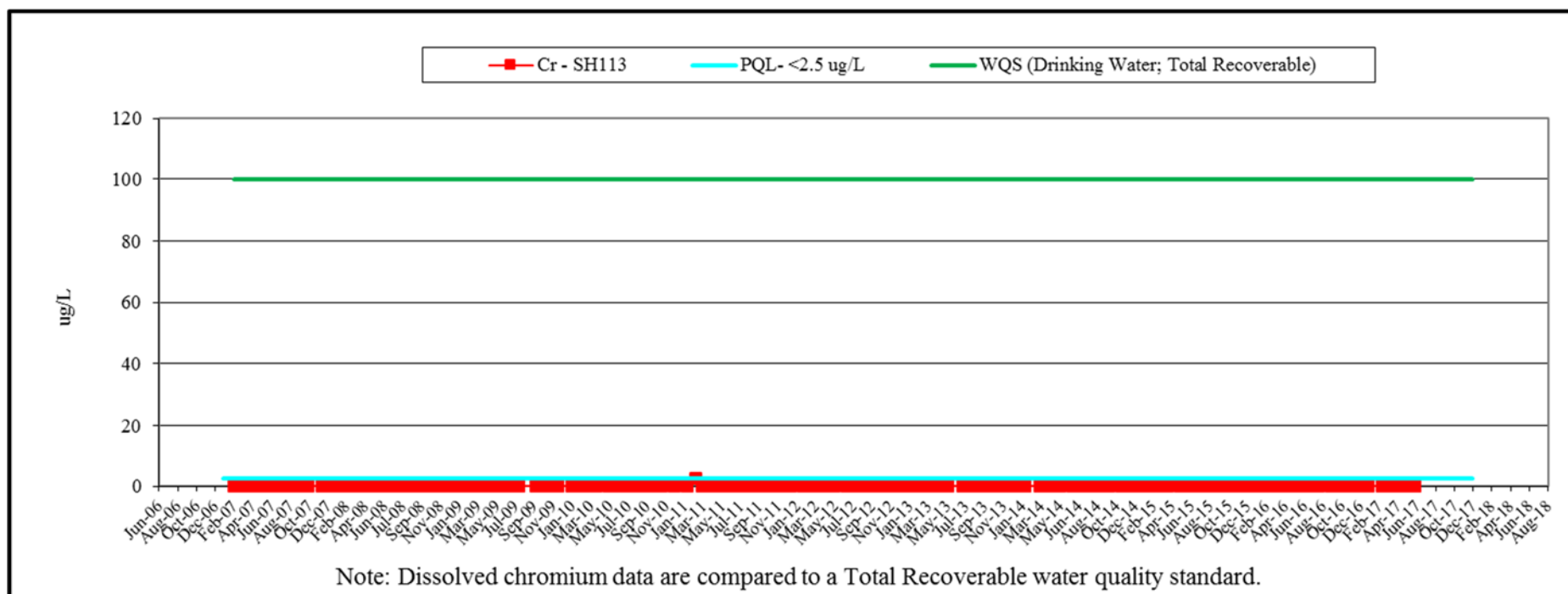


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

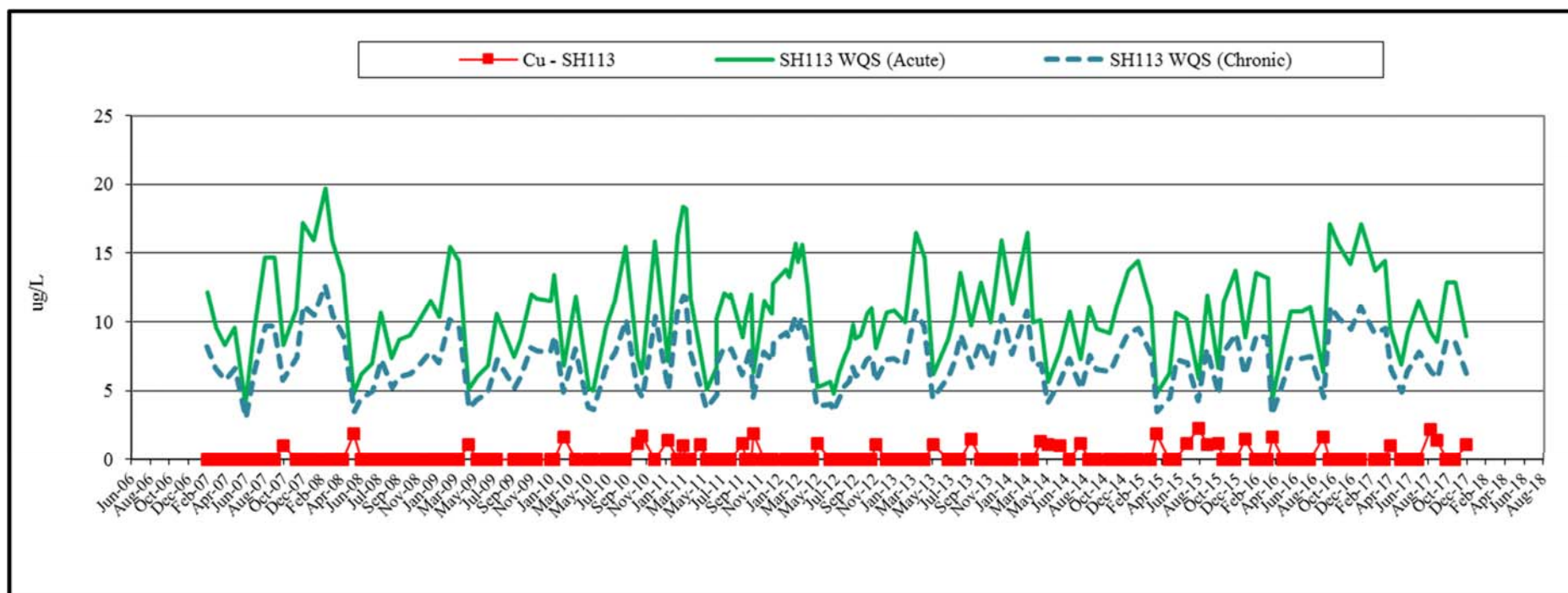


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

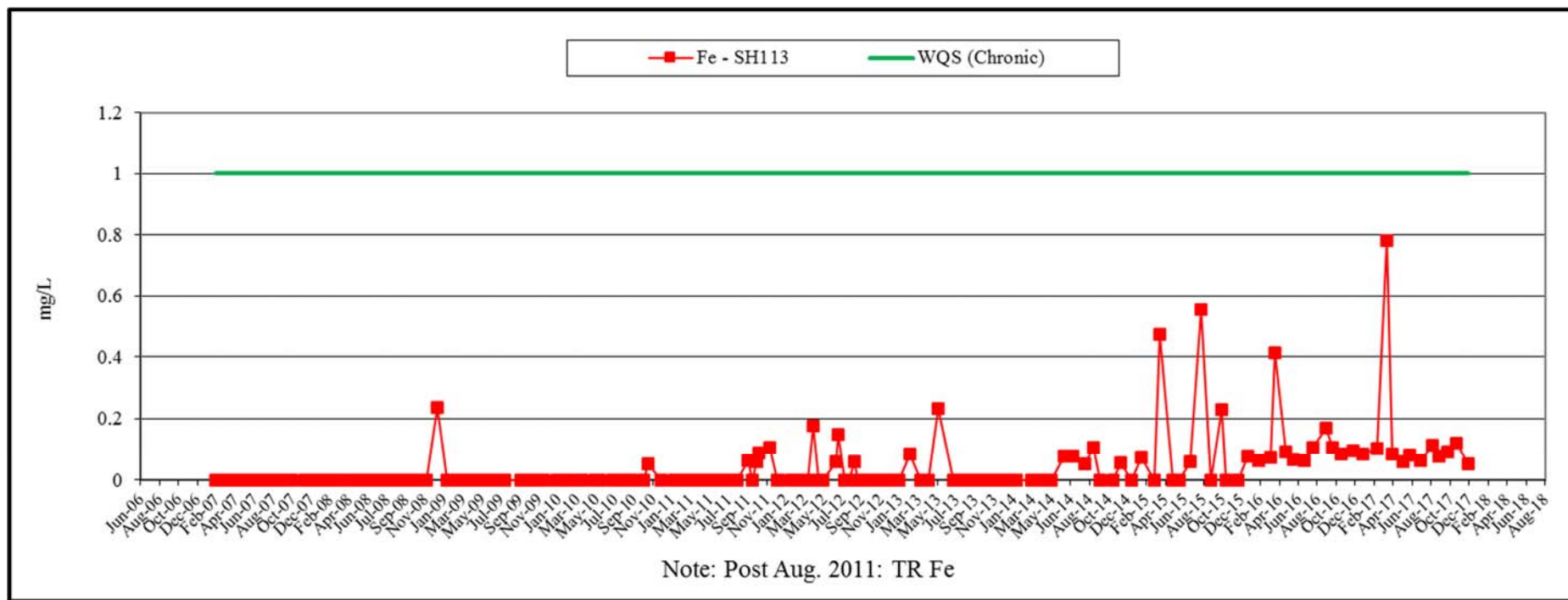


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

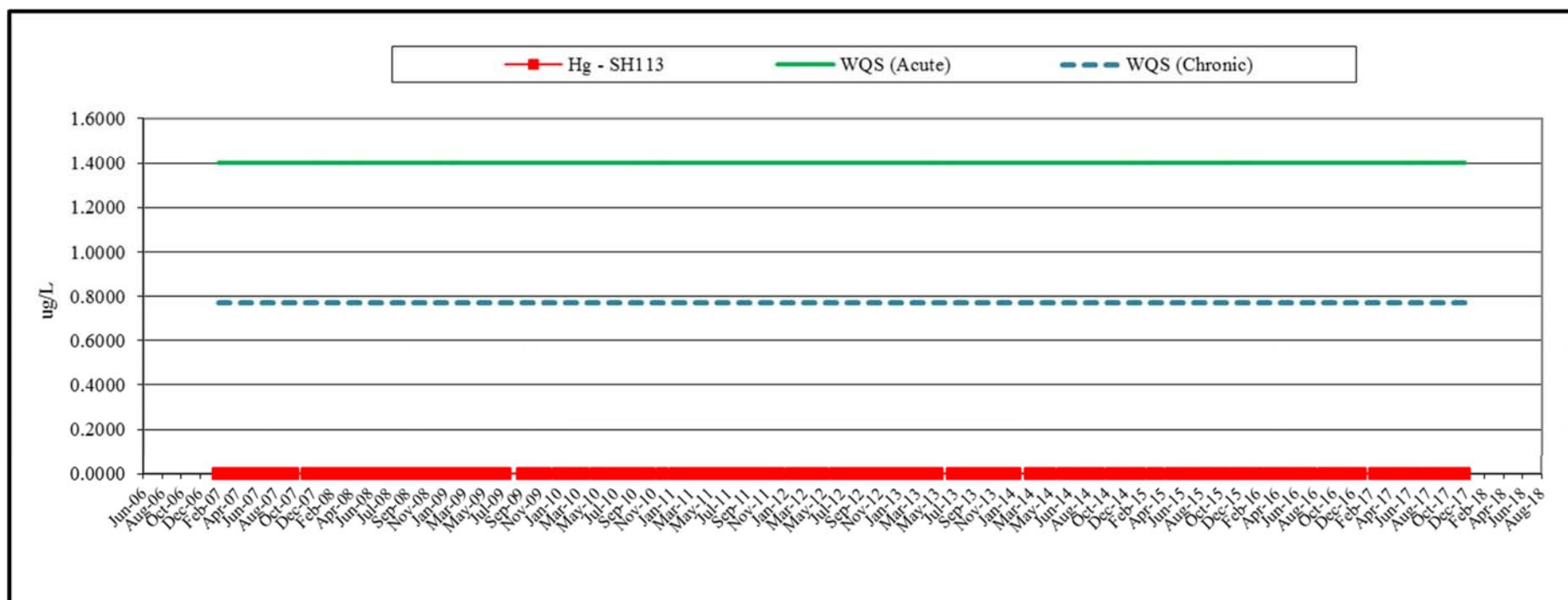


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

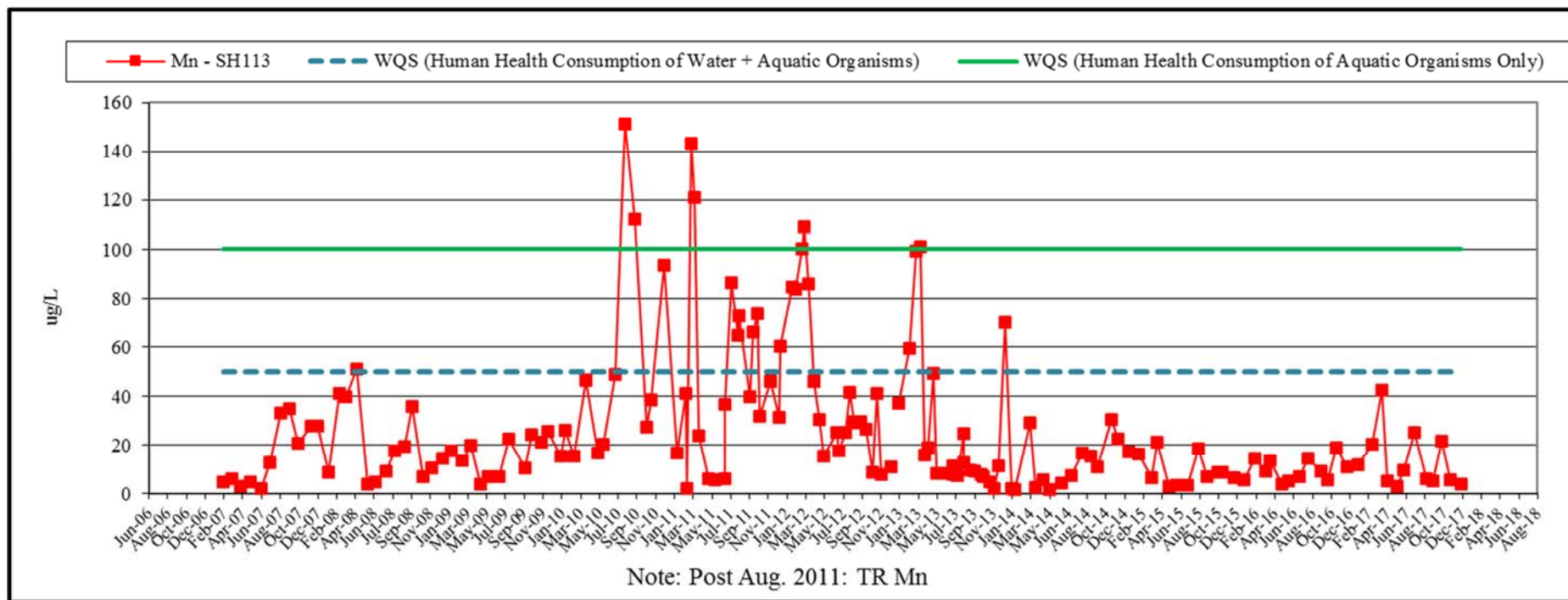


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

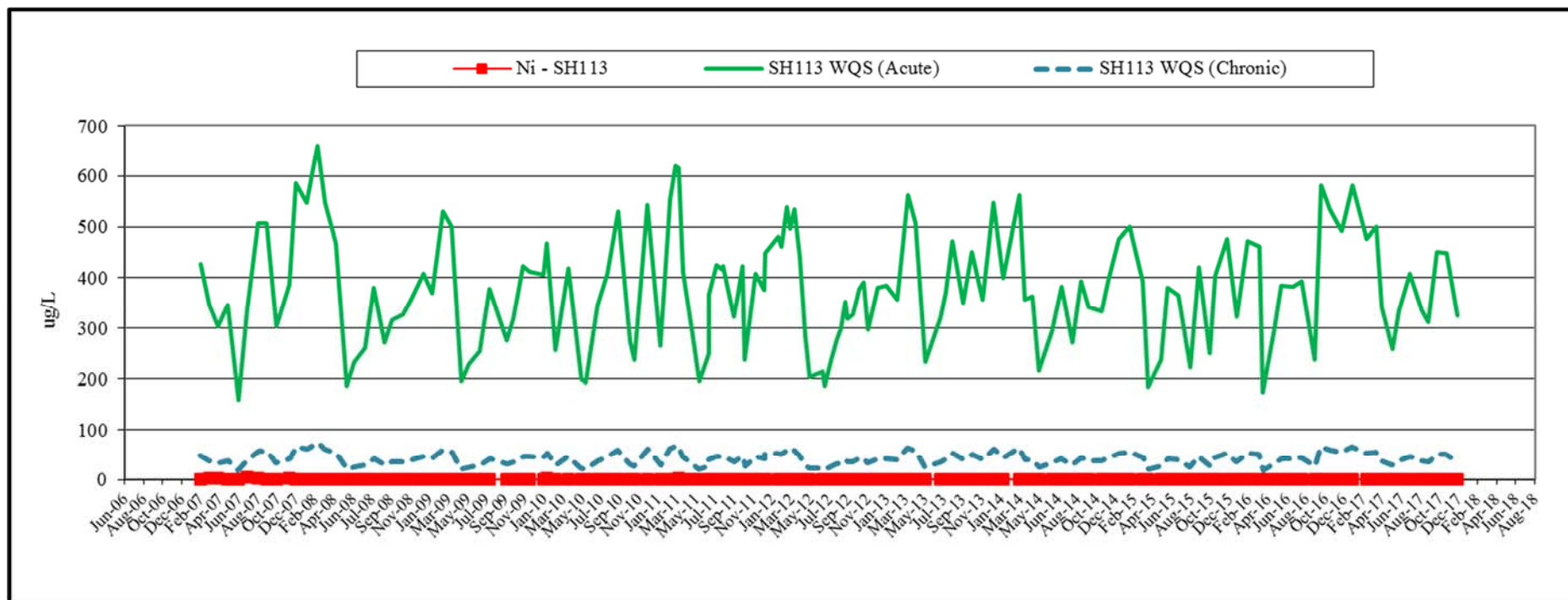


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

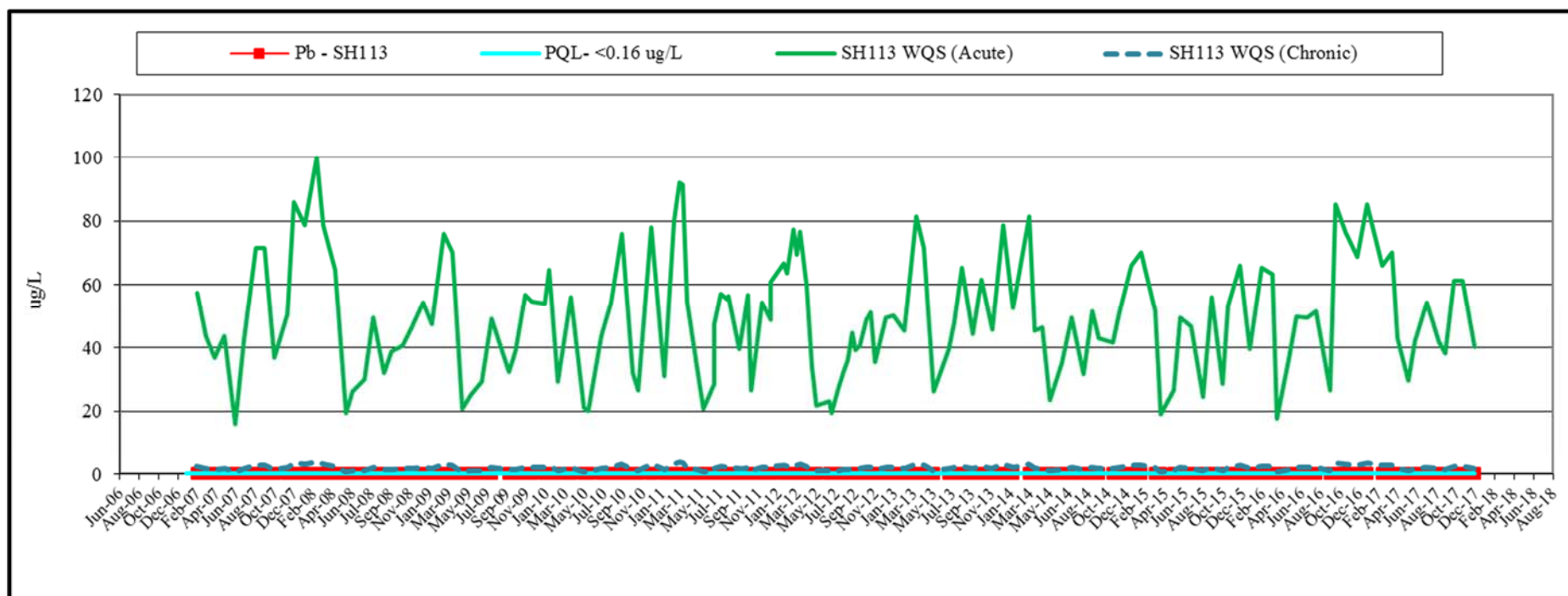


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

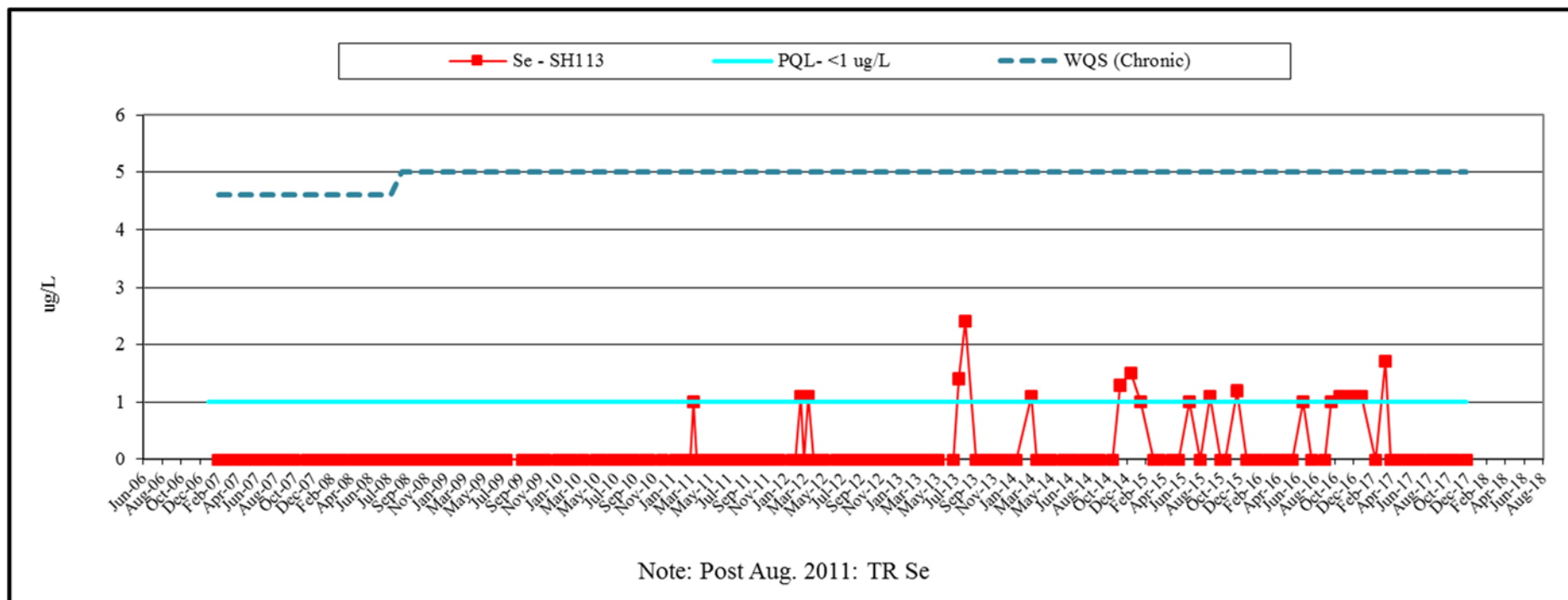


Figure 15c: Sherman Creek (SH113) Monitoring Results 2007-2017, Trace Chemistry

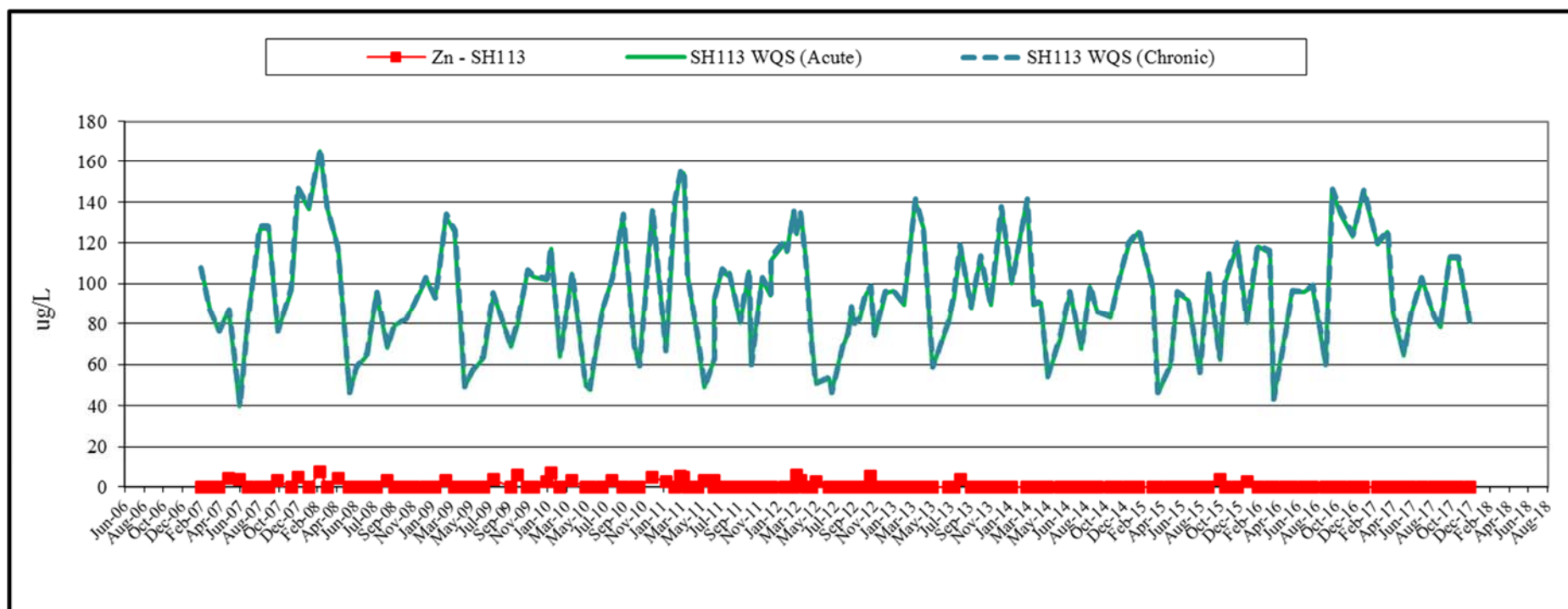


Figure 16a: Ophir Creek (SH103) Monitoring Results 2006-2017, Field Parameters

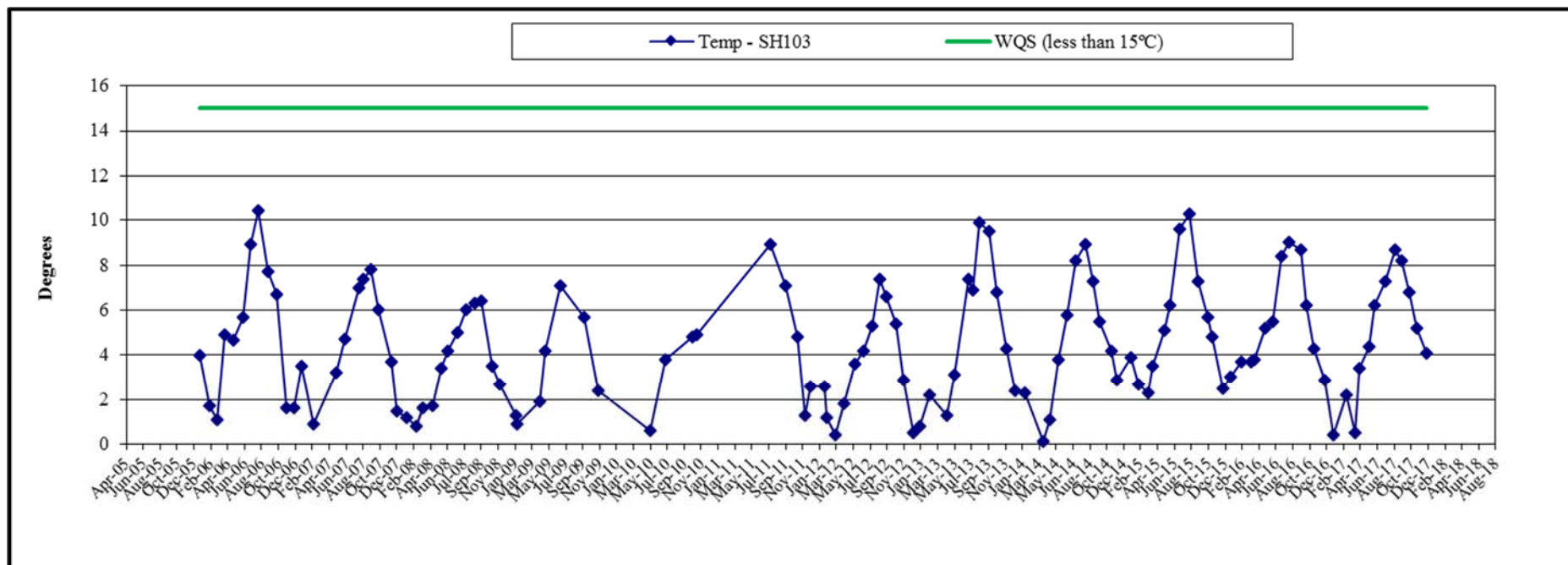


Figure 16a: Ophir Creek (SH103) Monitoring Results 2006-2017, Field Parameters

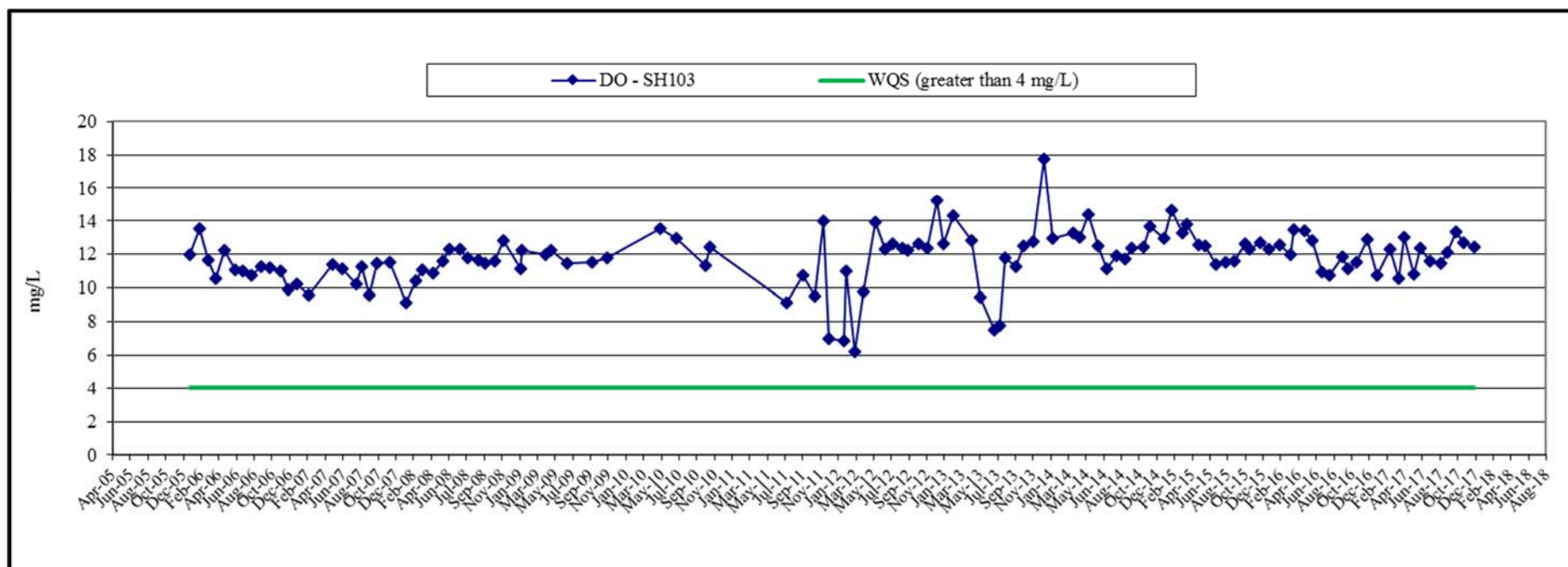


Figure 16a: Ophir Creek (SH103) Monitoring Results 2006-2017, Field Parameters

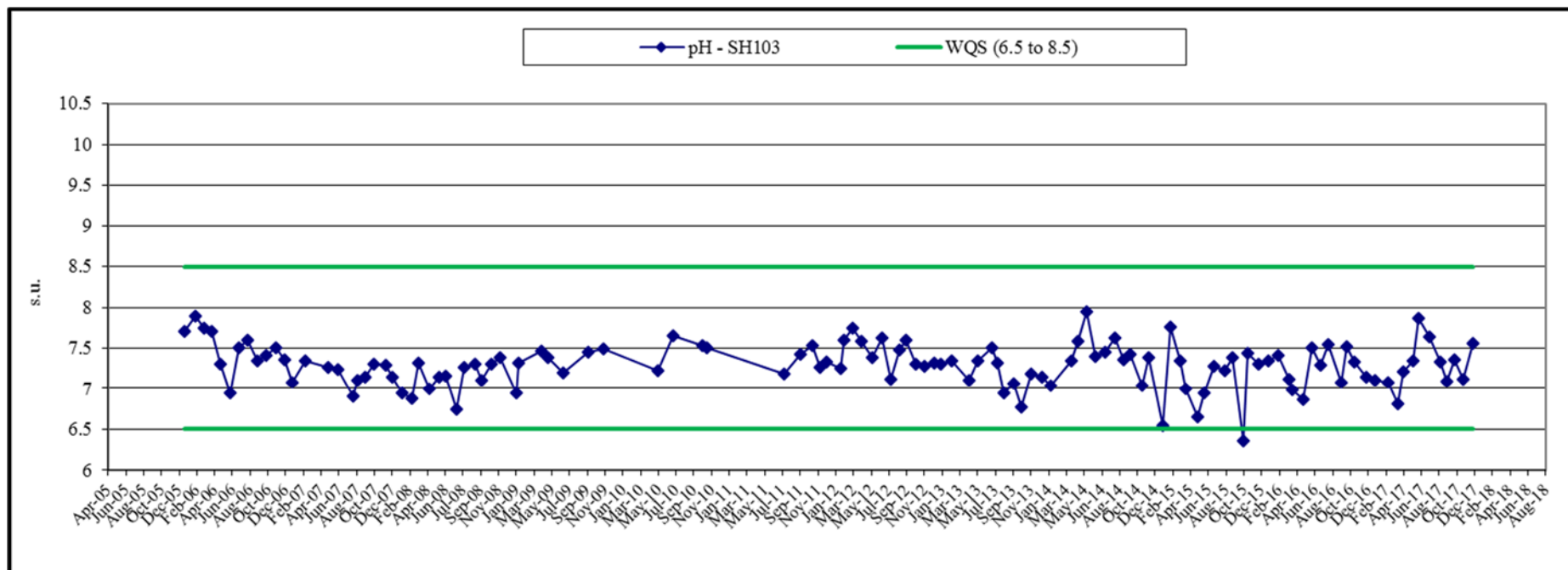


Figure 16a: Ophir Creek (SH103) Monitoring Results 2006-2017, Field Parameters

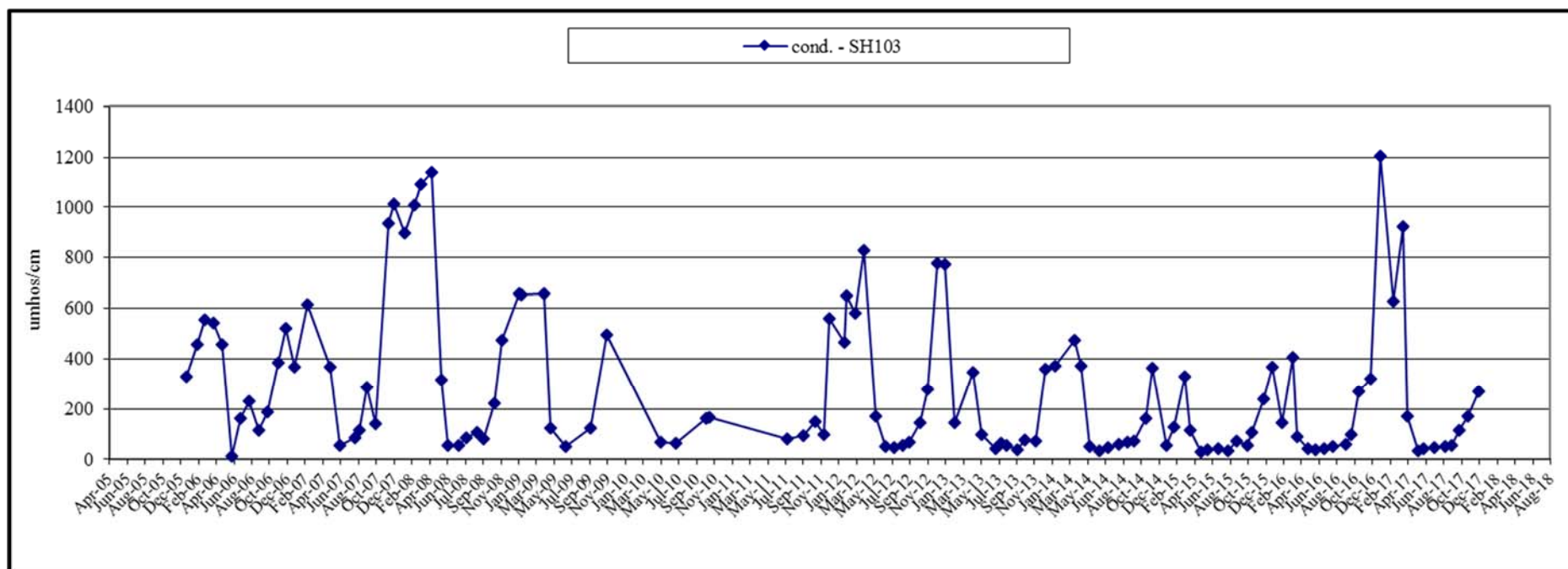


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

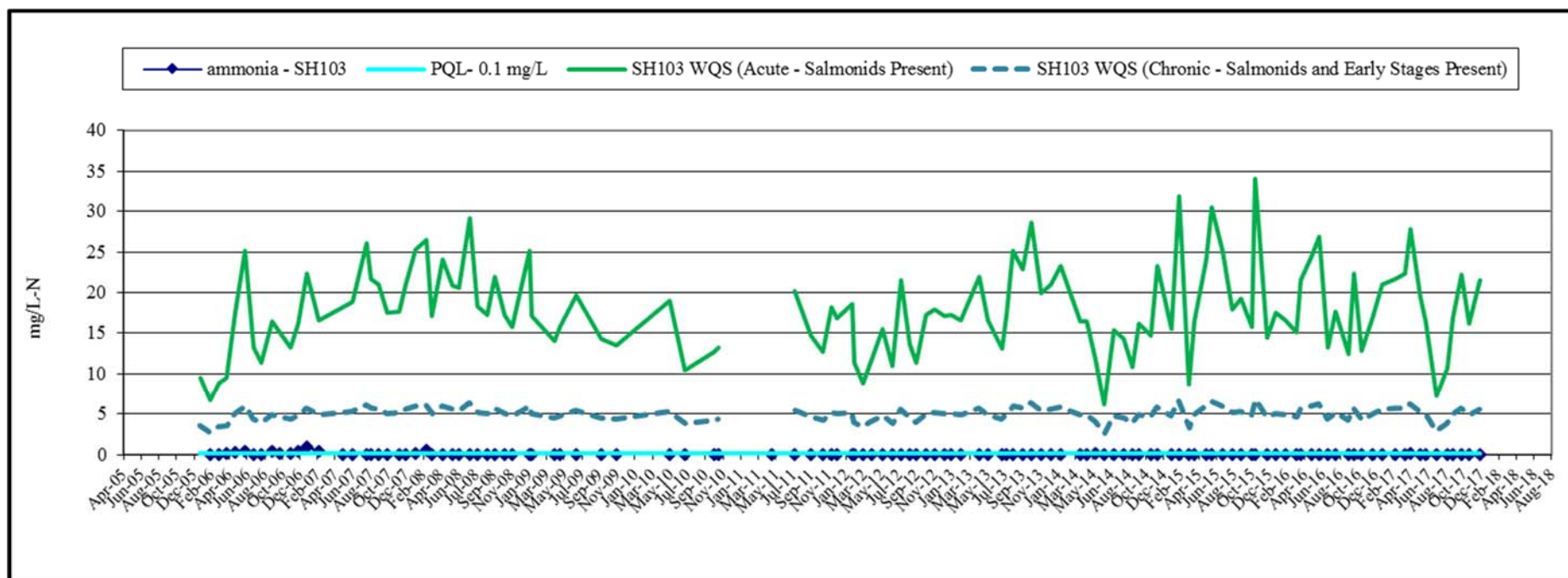


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

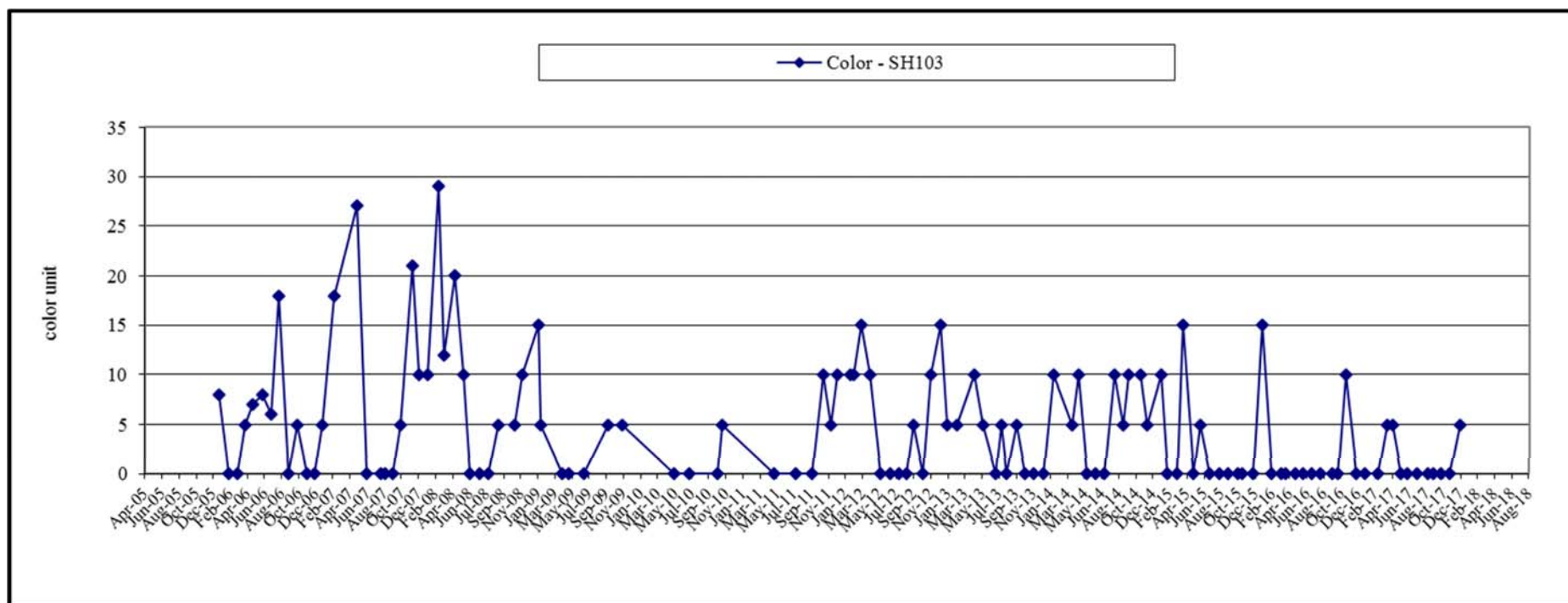


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

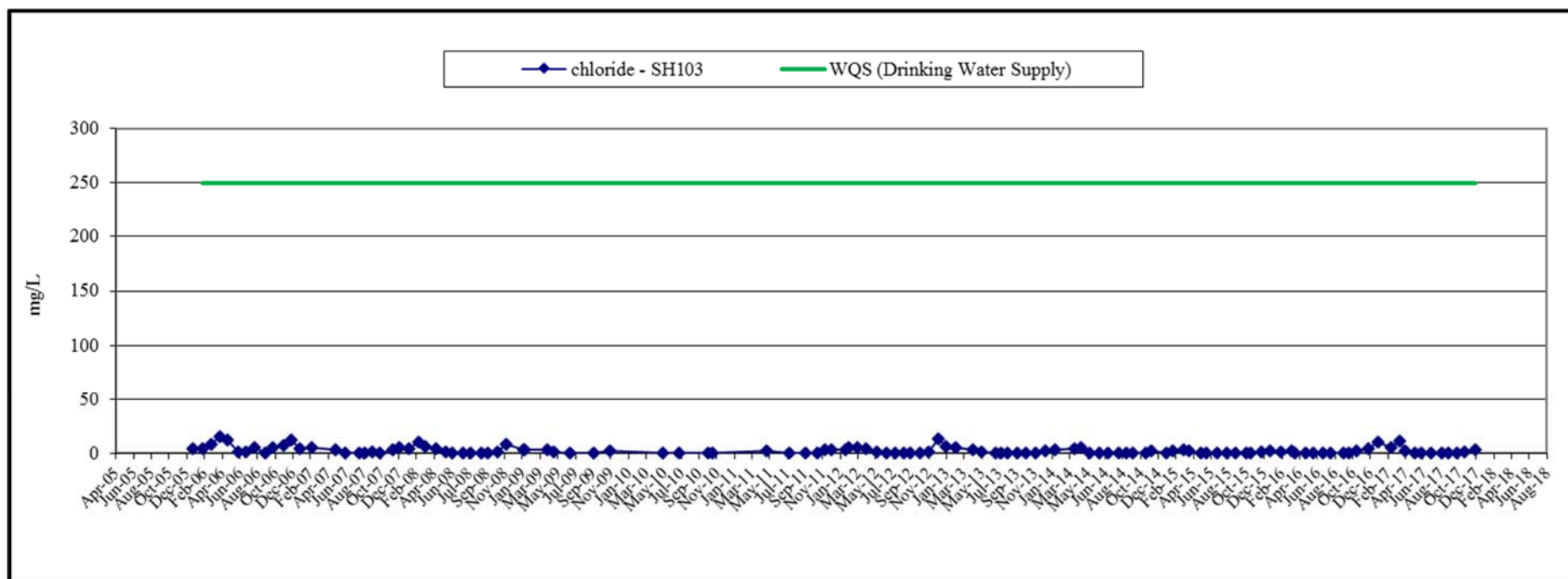


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

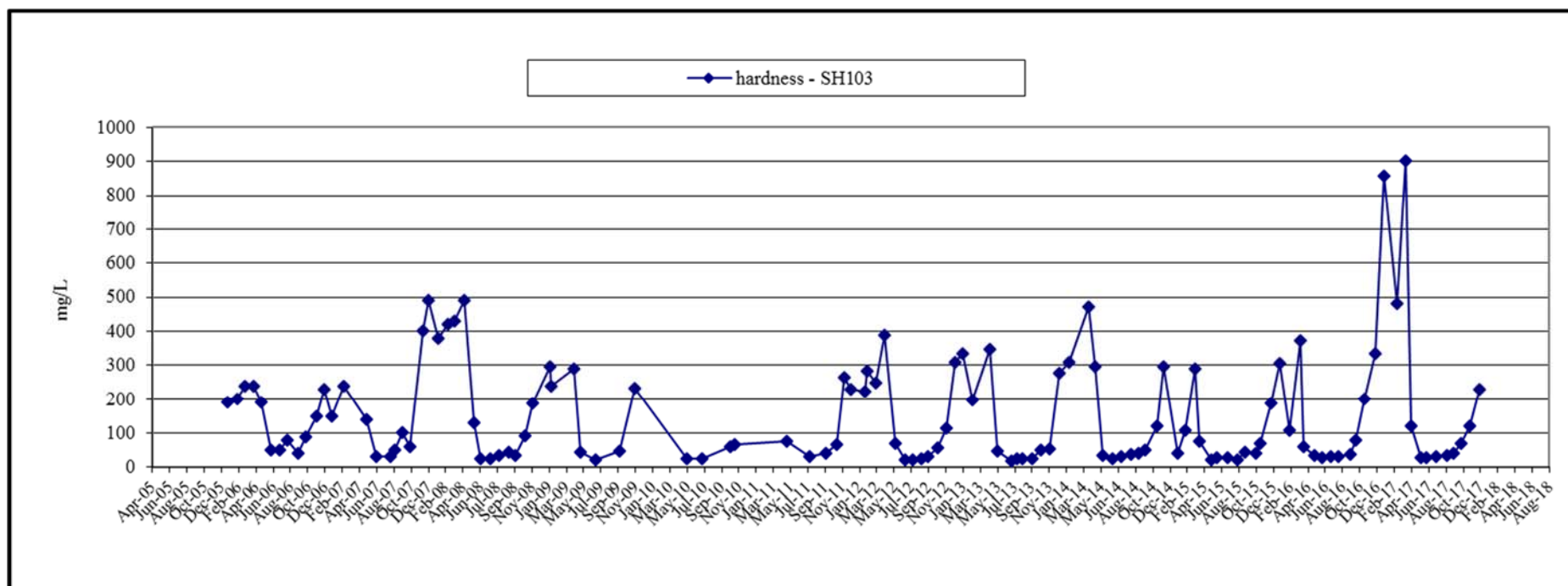


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

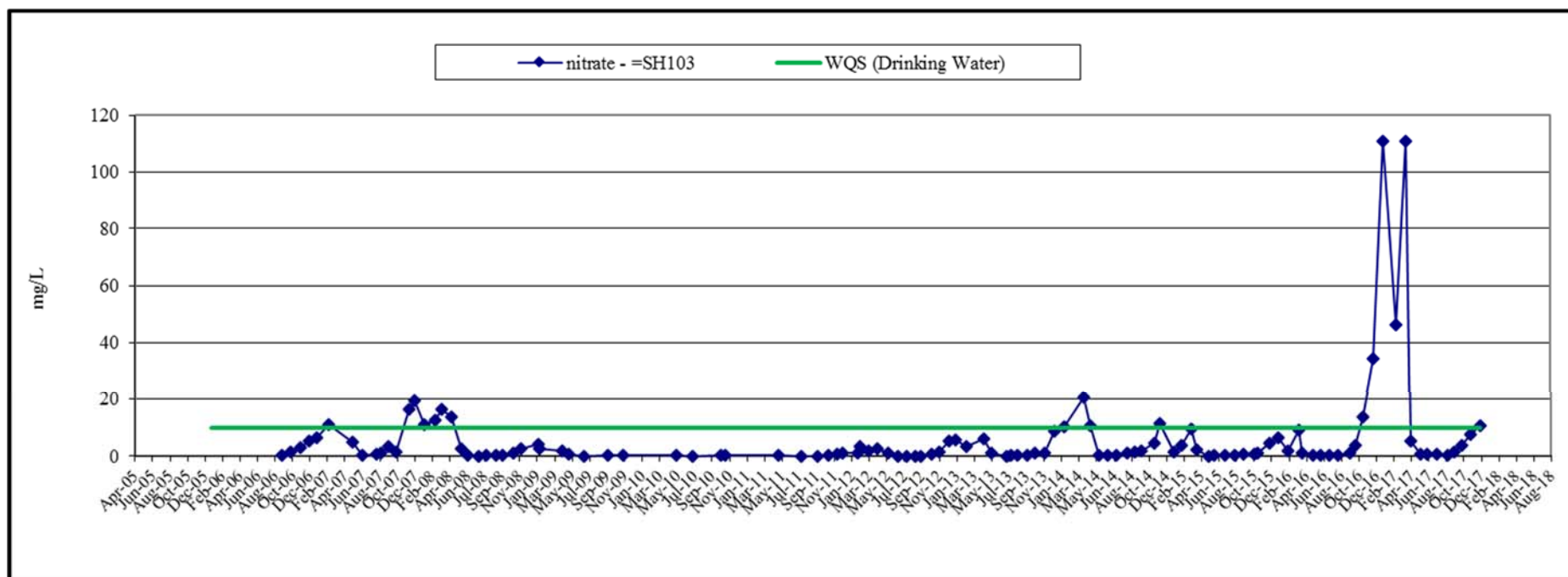


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

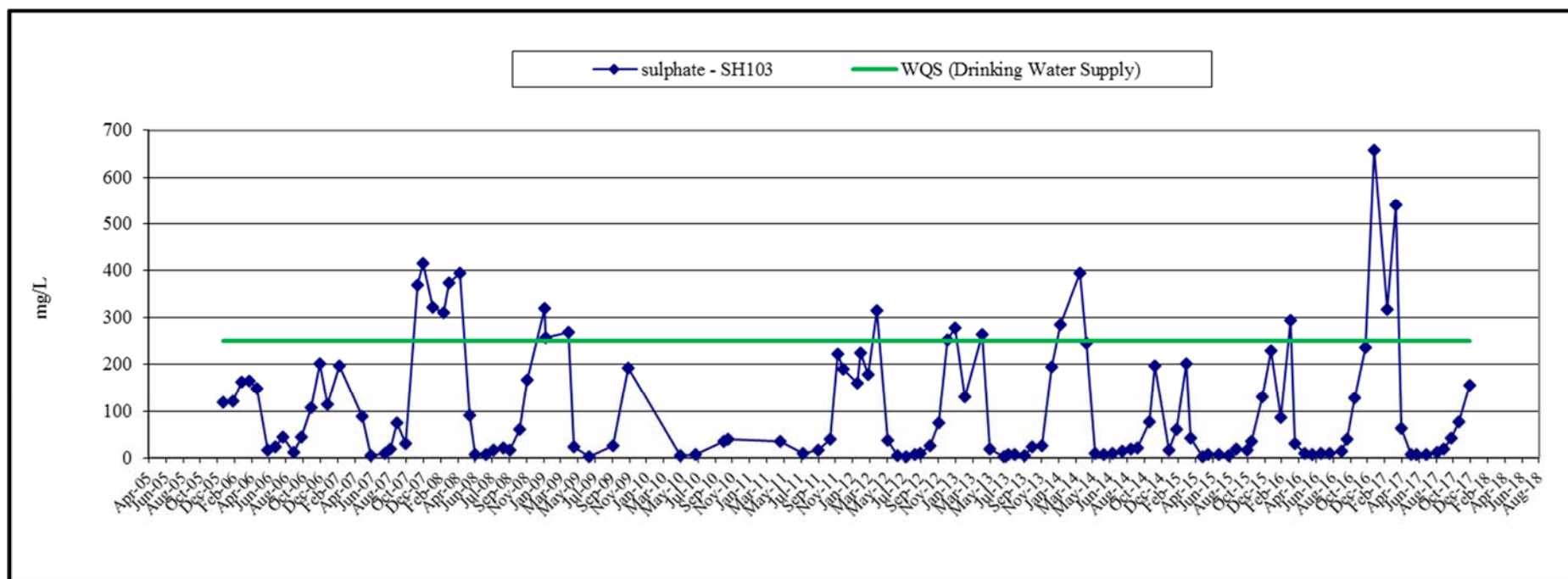


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

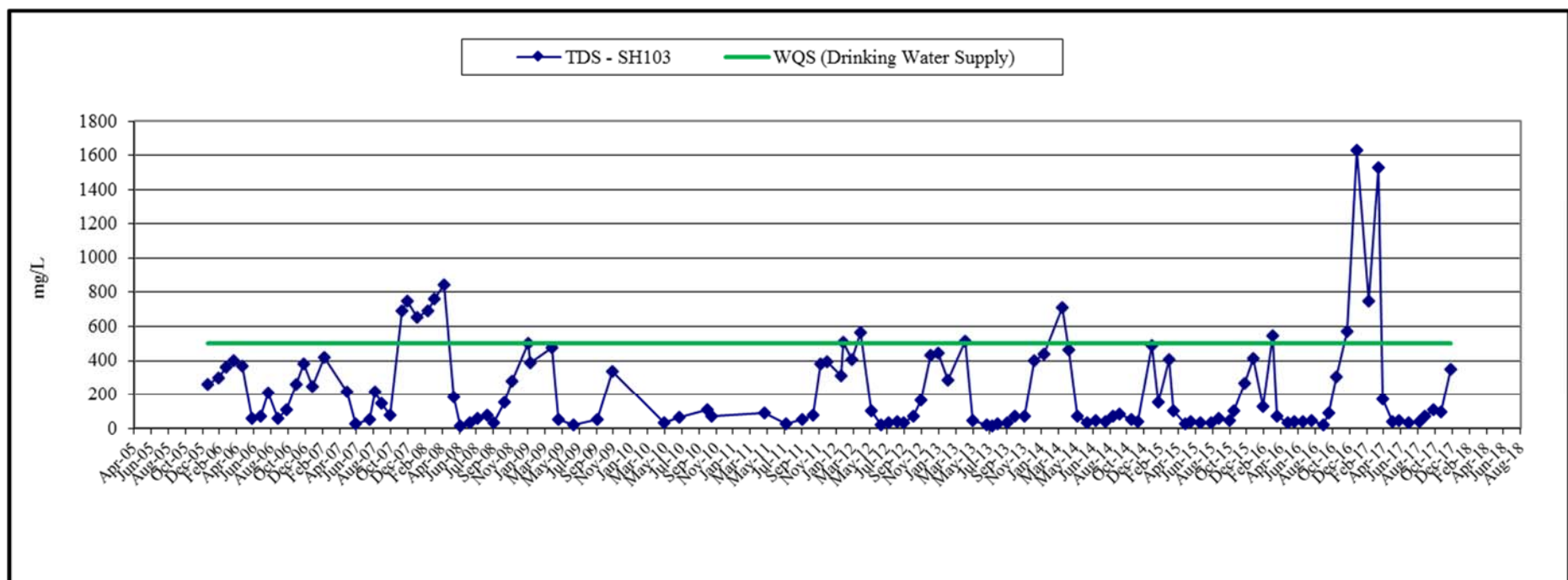


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

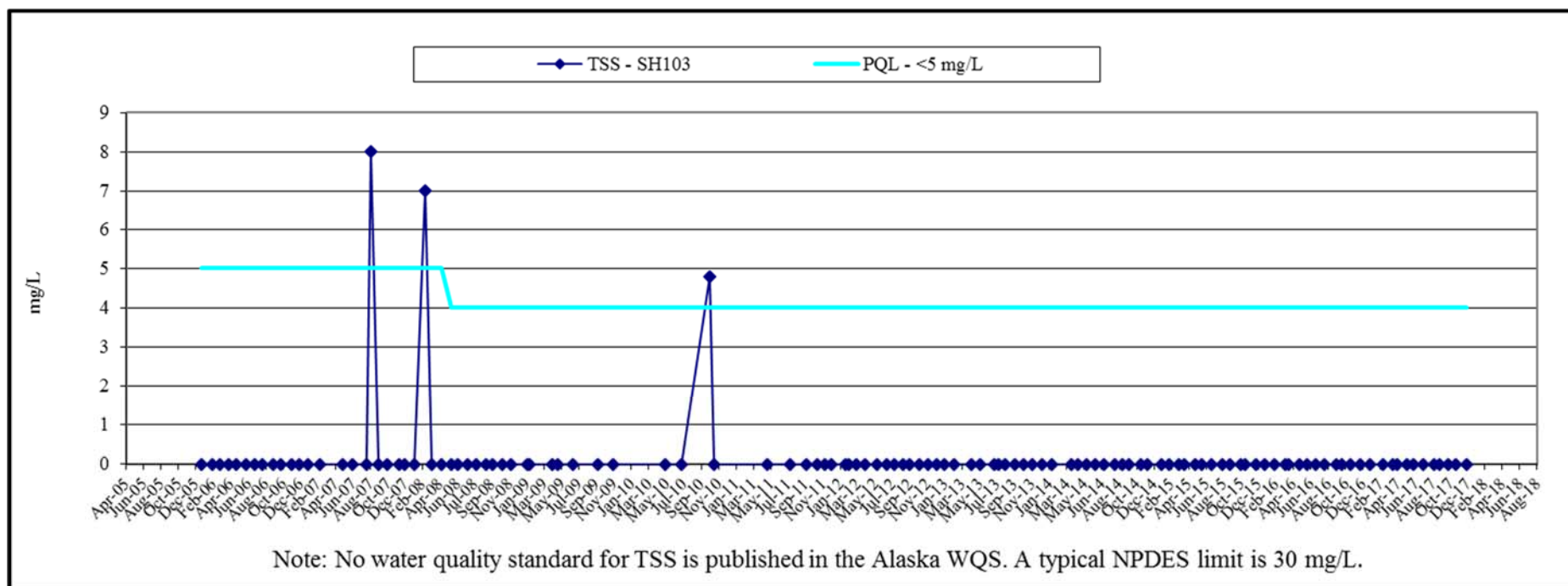


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

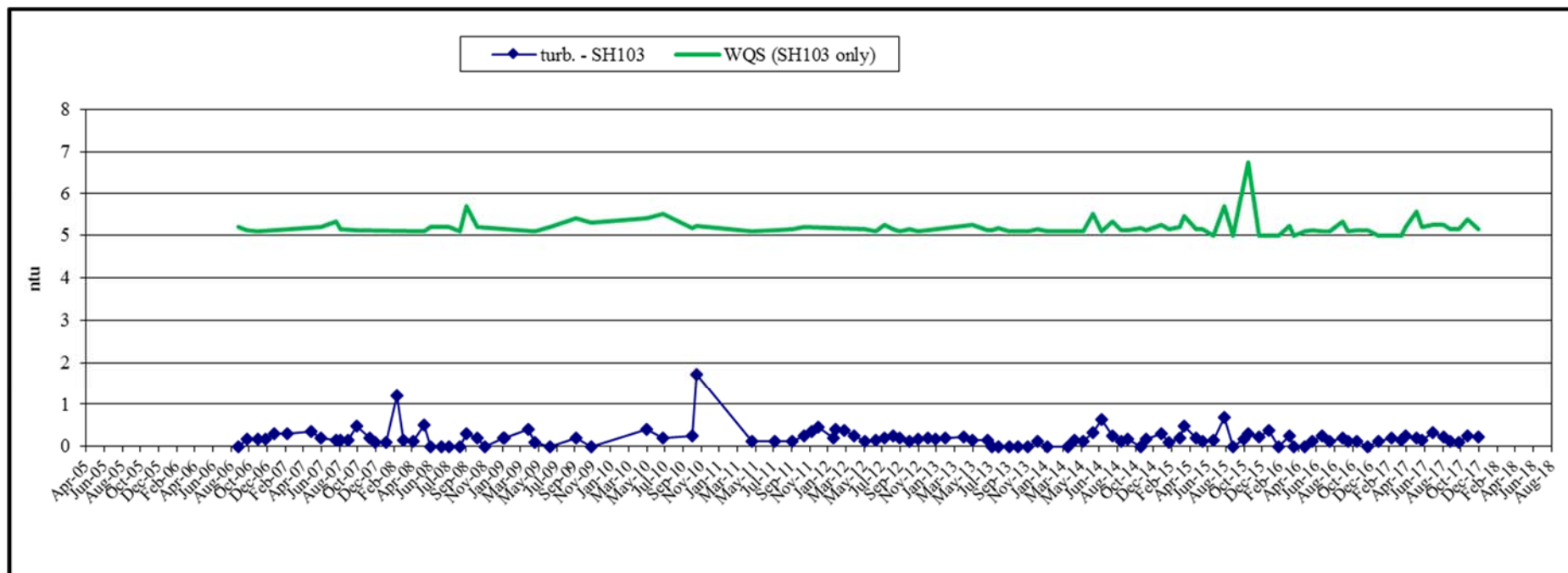


Figure 16b: Ophir Creek (SH103) Monitoring Results 2006-2017, Major Chemistry

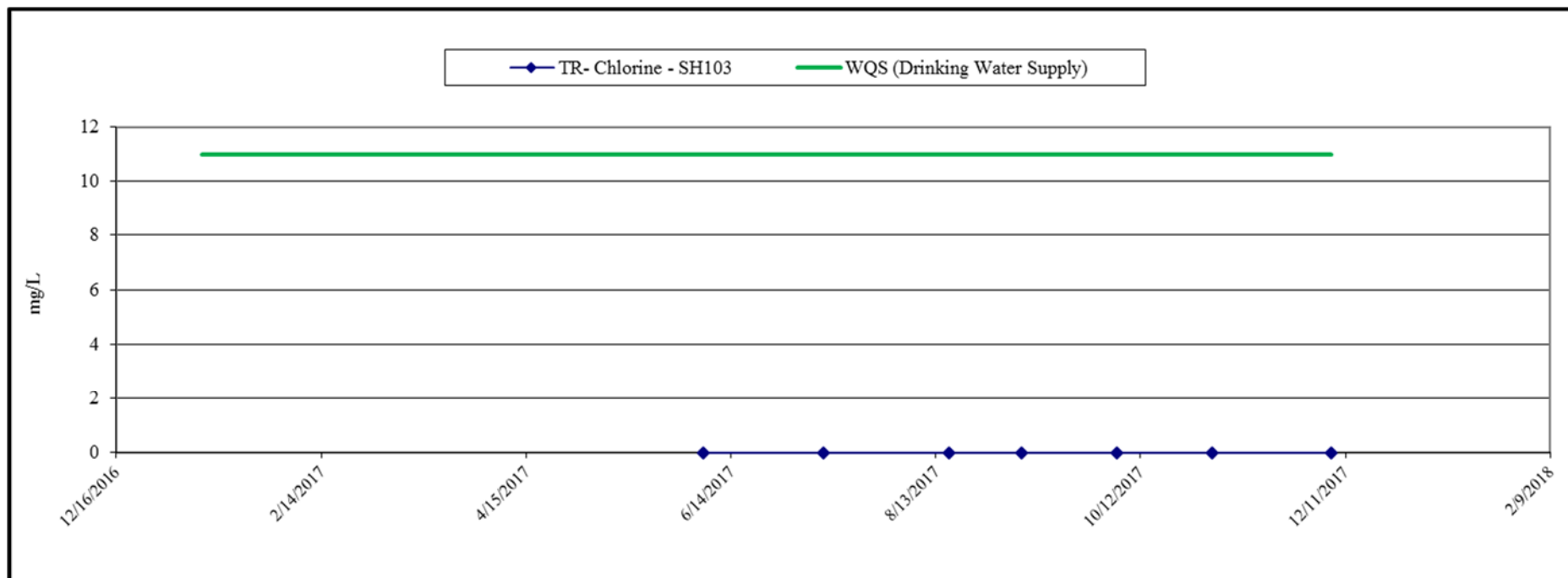


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

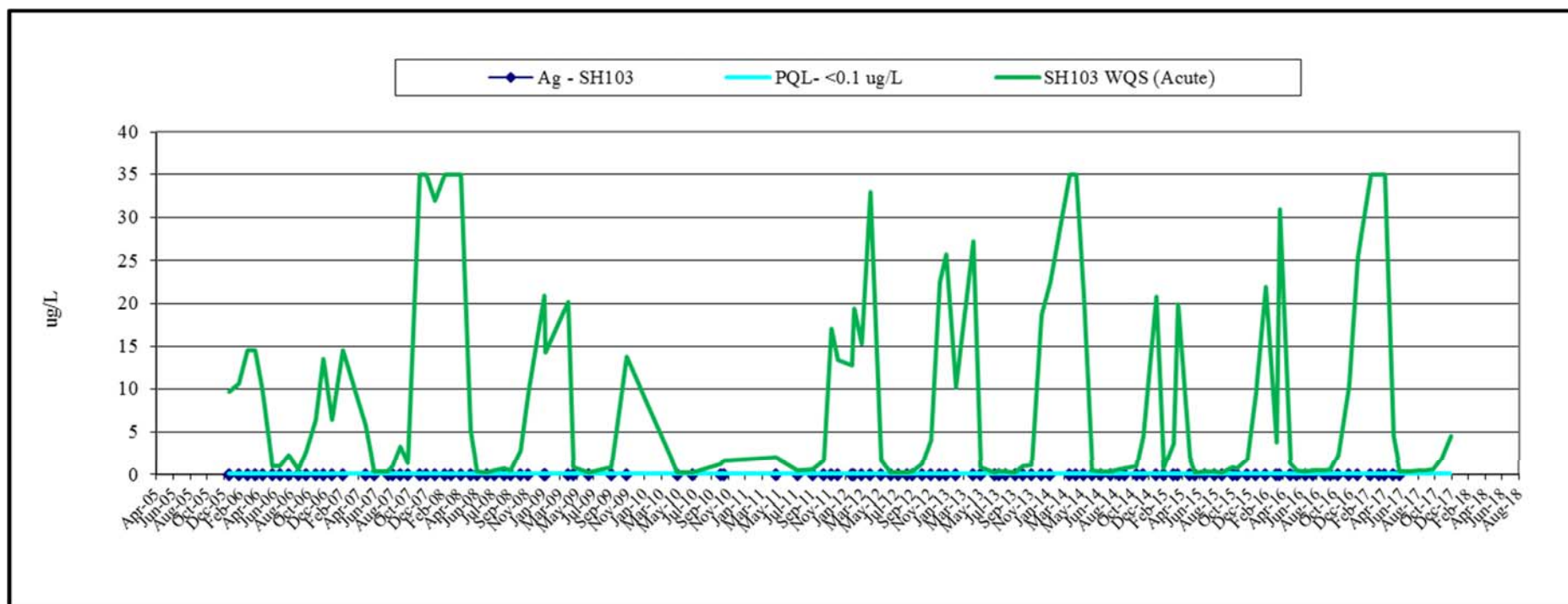


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

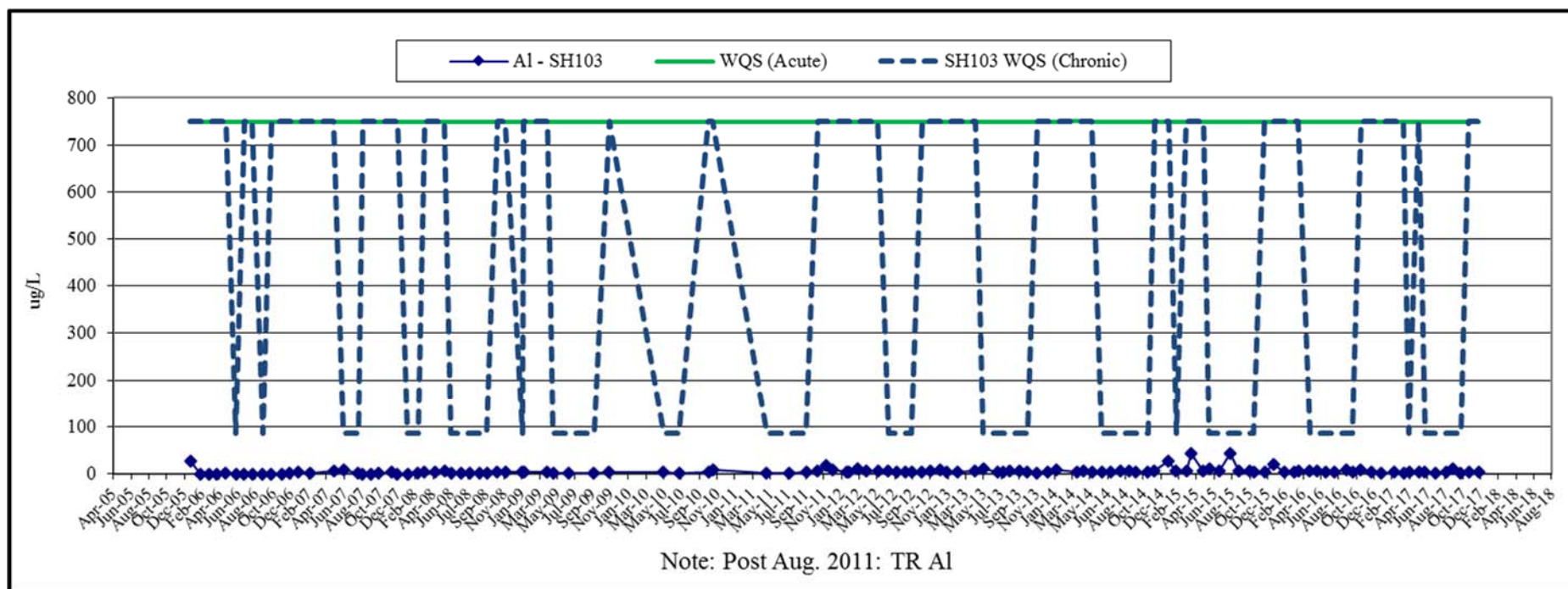


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

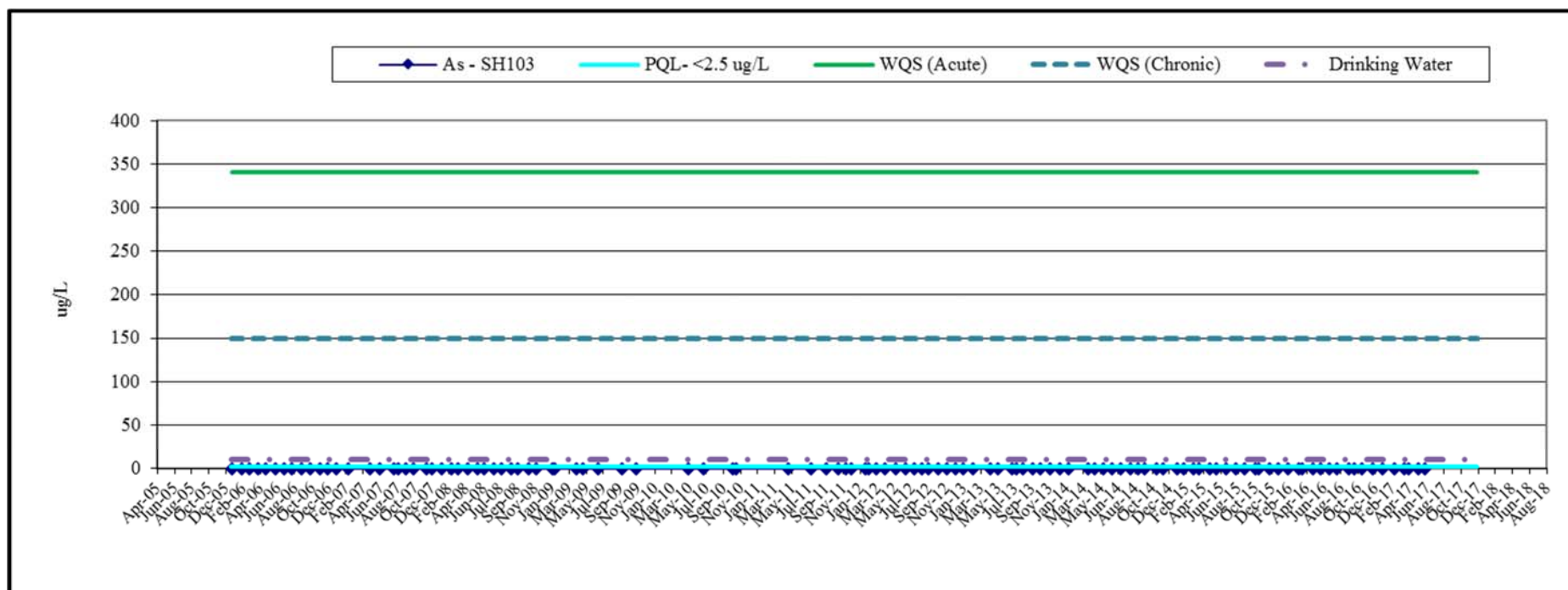


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

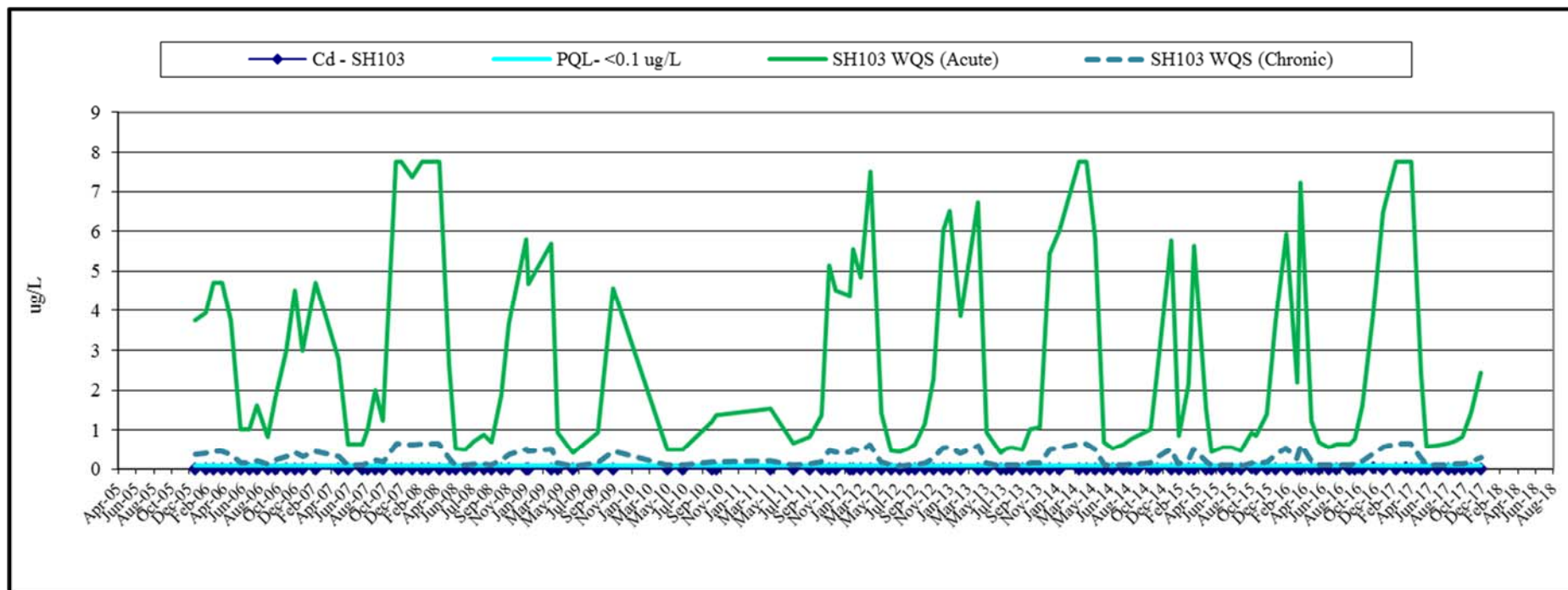


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

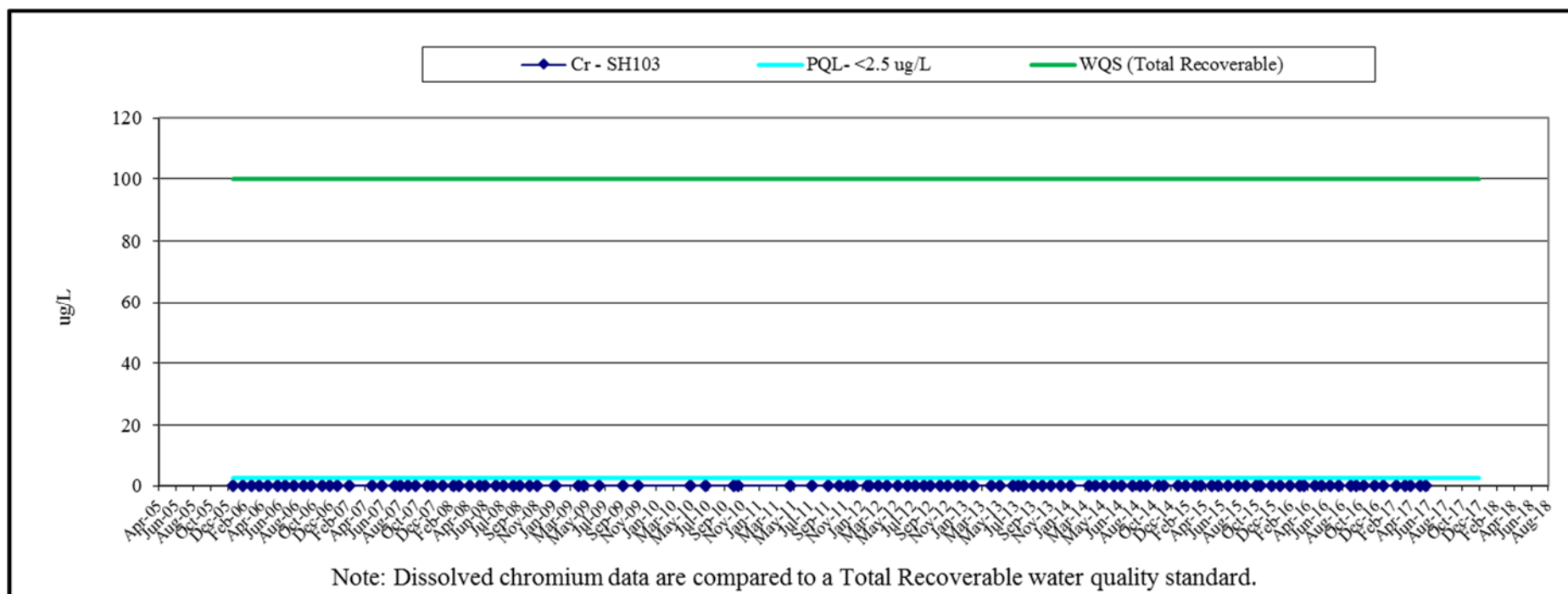


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

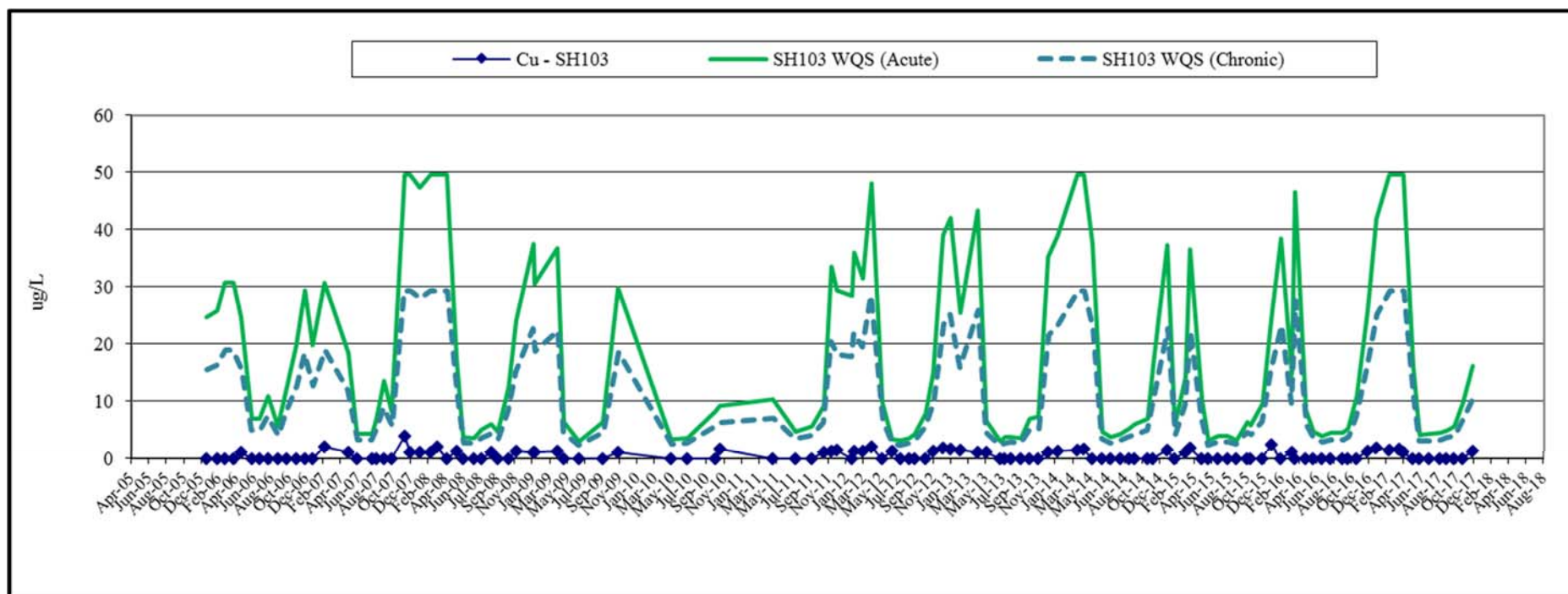


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

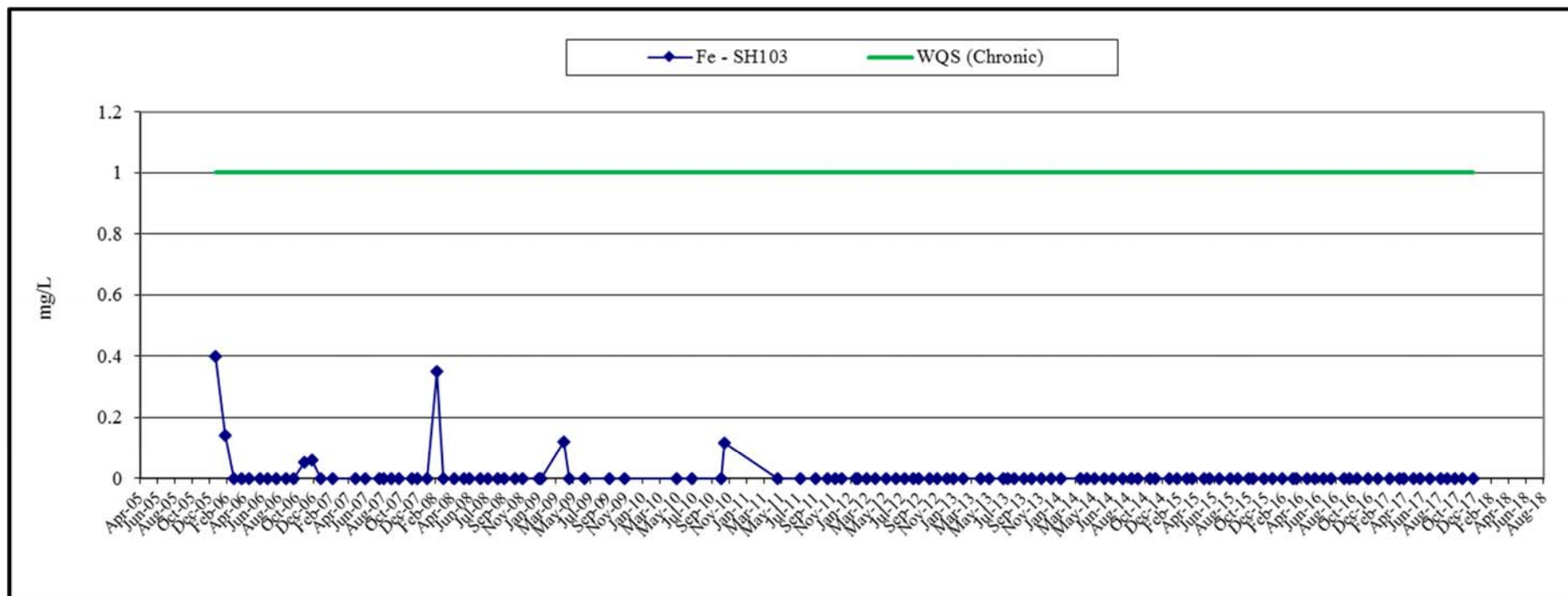


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

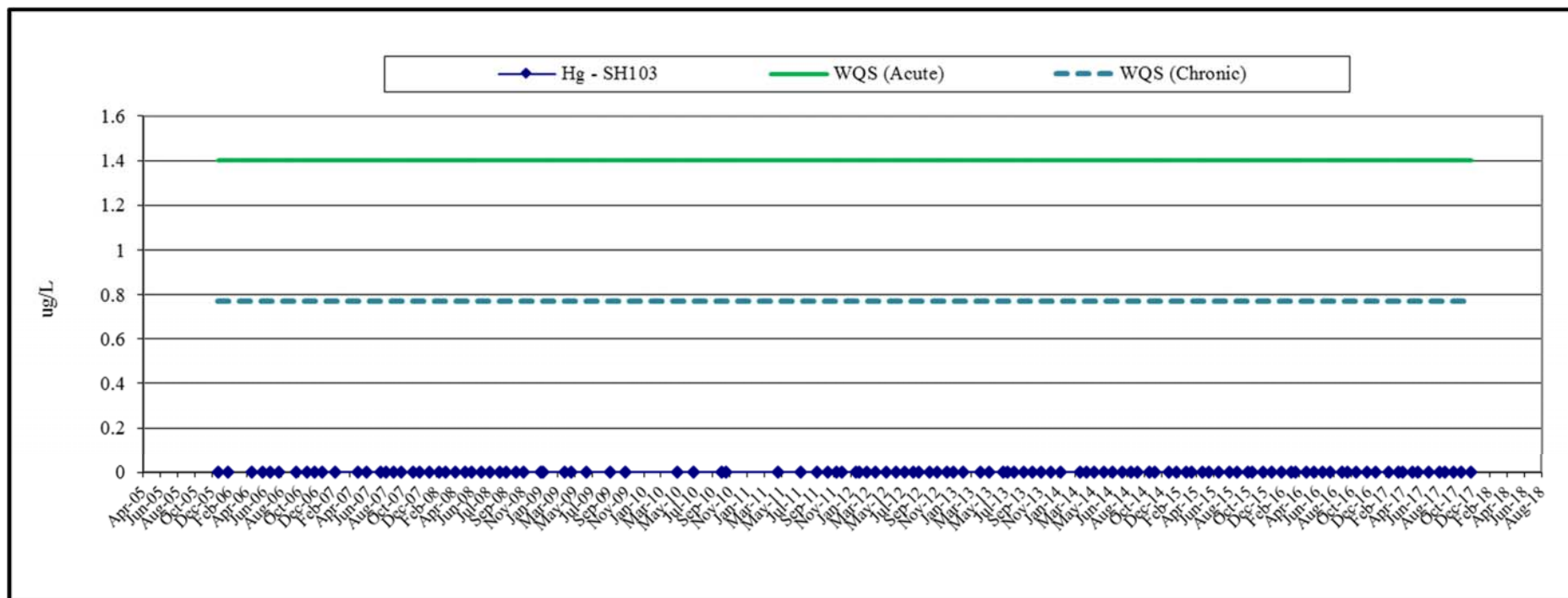


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

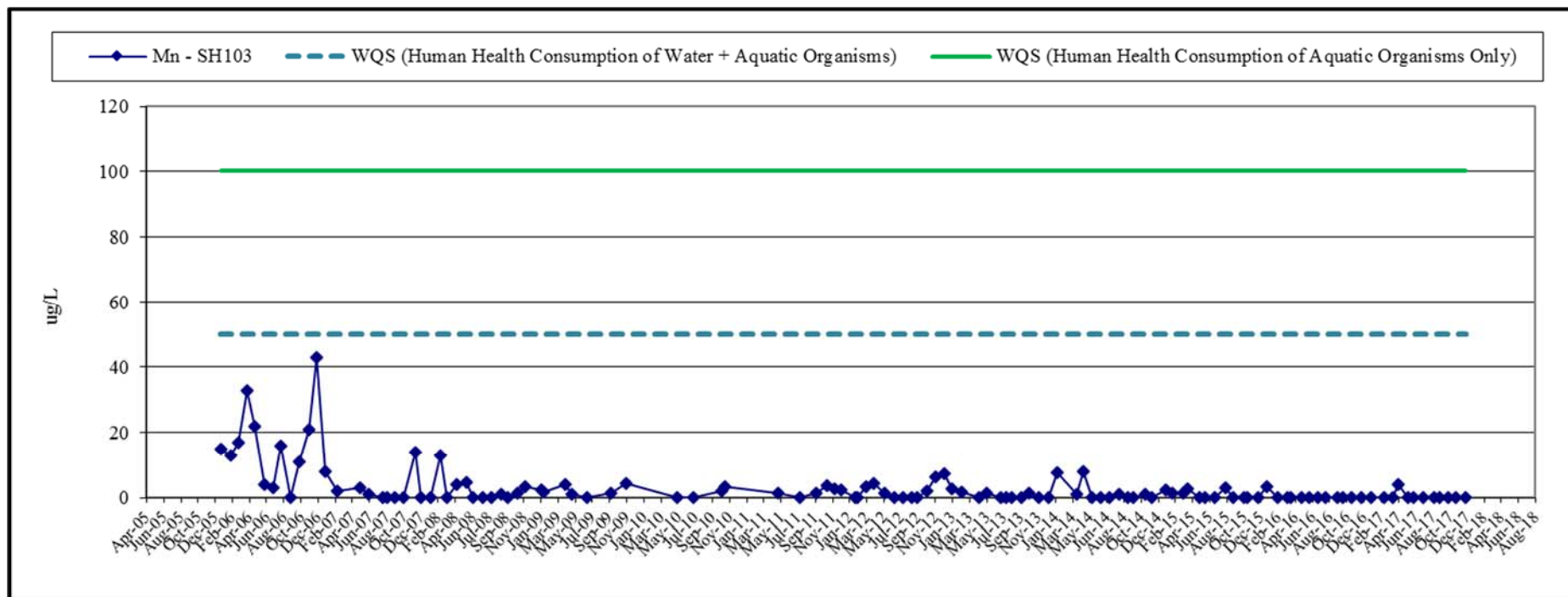


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

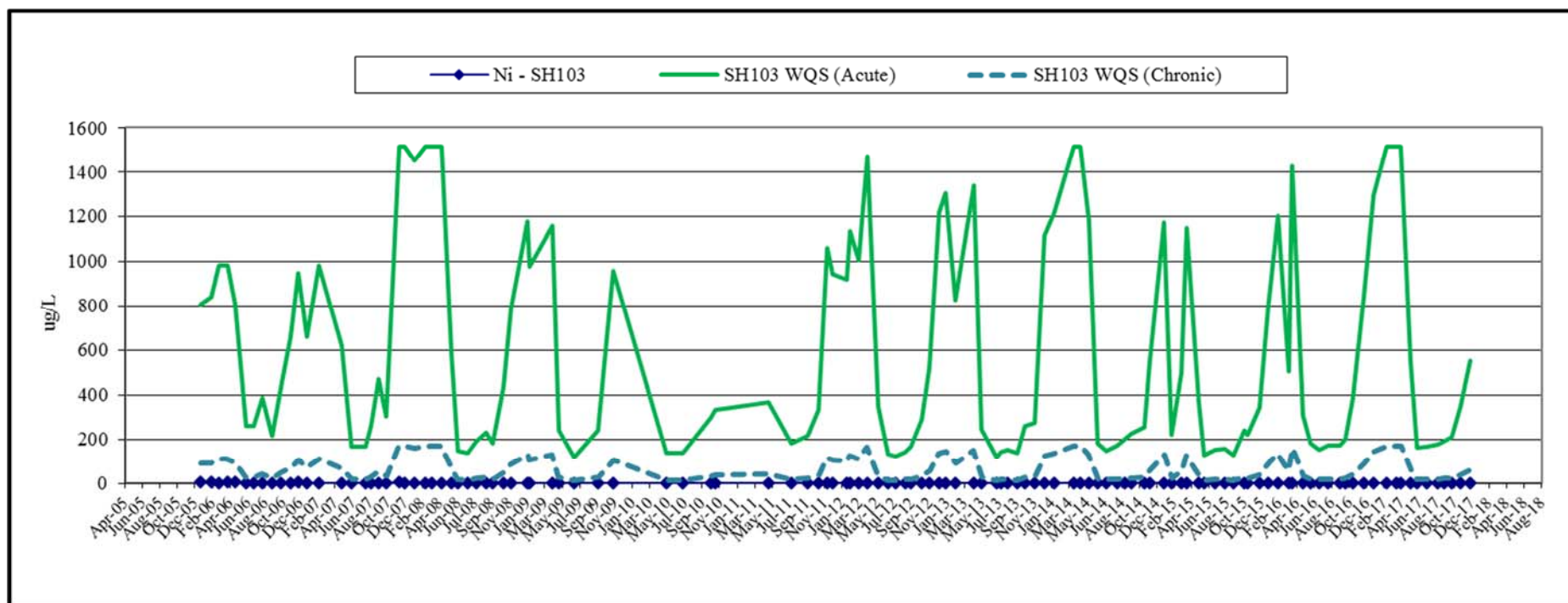


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

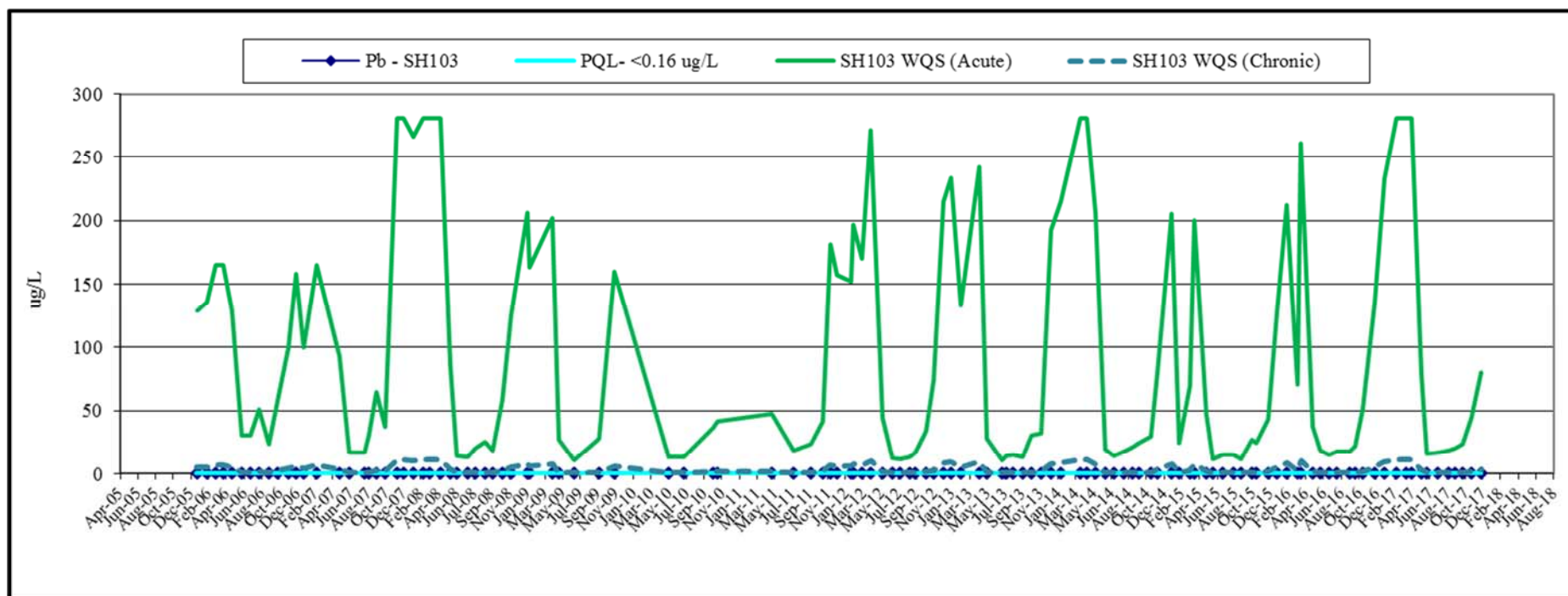


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

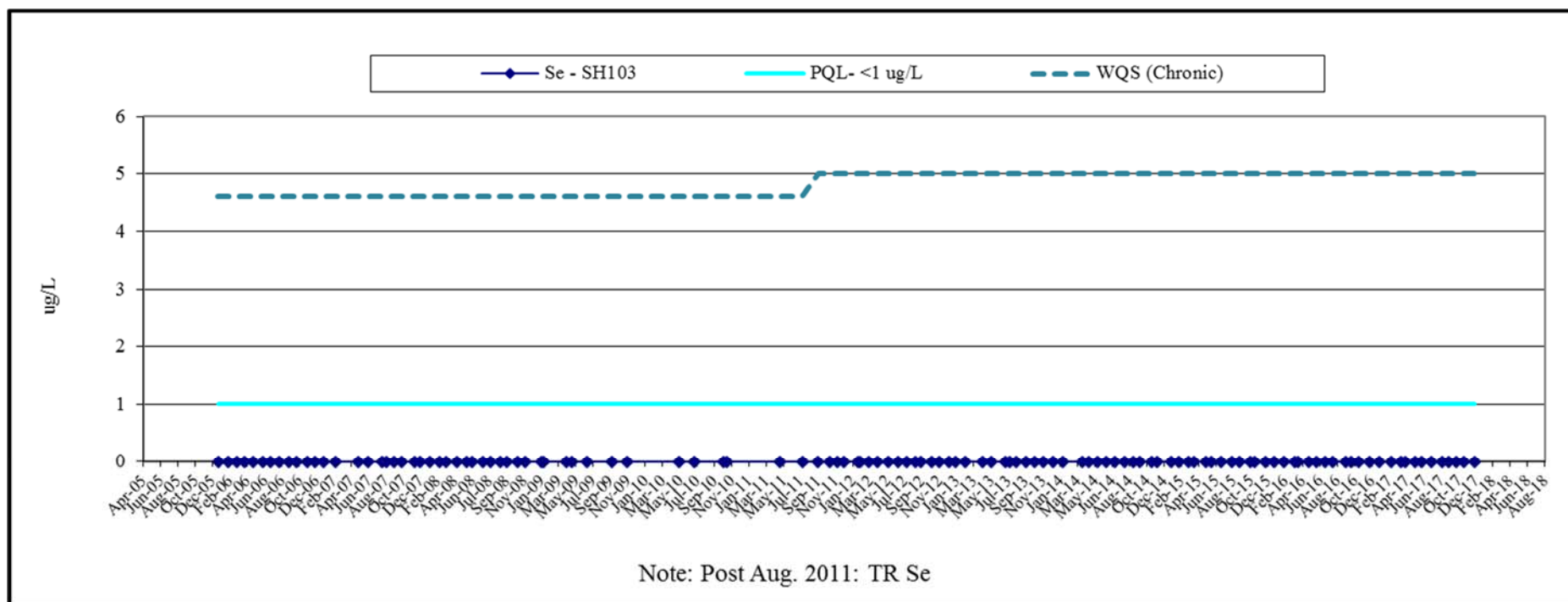


Figure 16c: Ophir Creek (SH103) Monitoring Results 2006-2017, Trace Chemistry

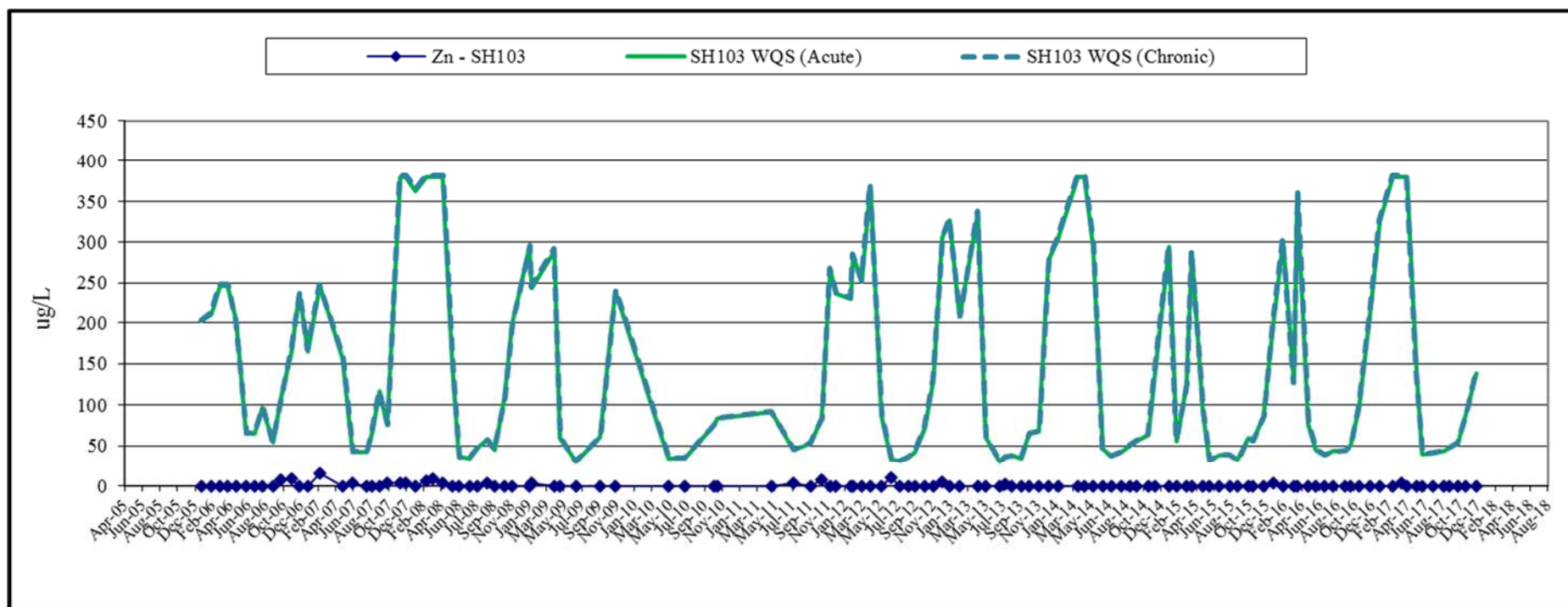


Figure 17a: Ophir Creek (SH111) Monitoring Results 2006-2017, Field Parameters

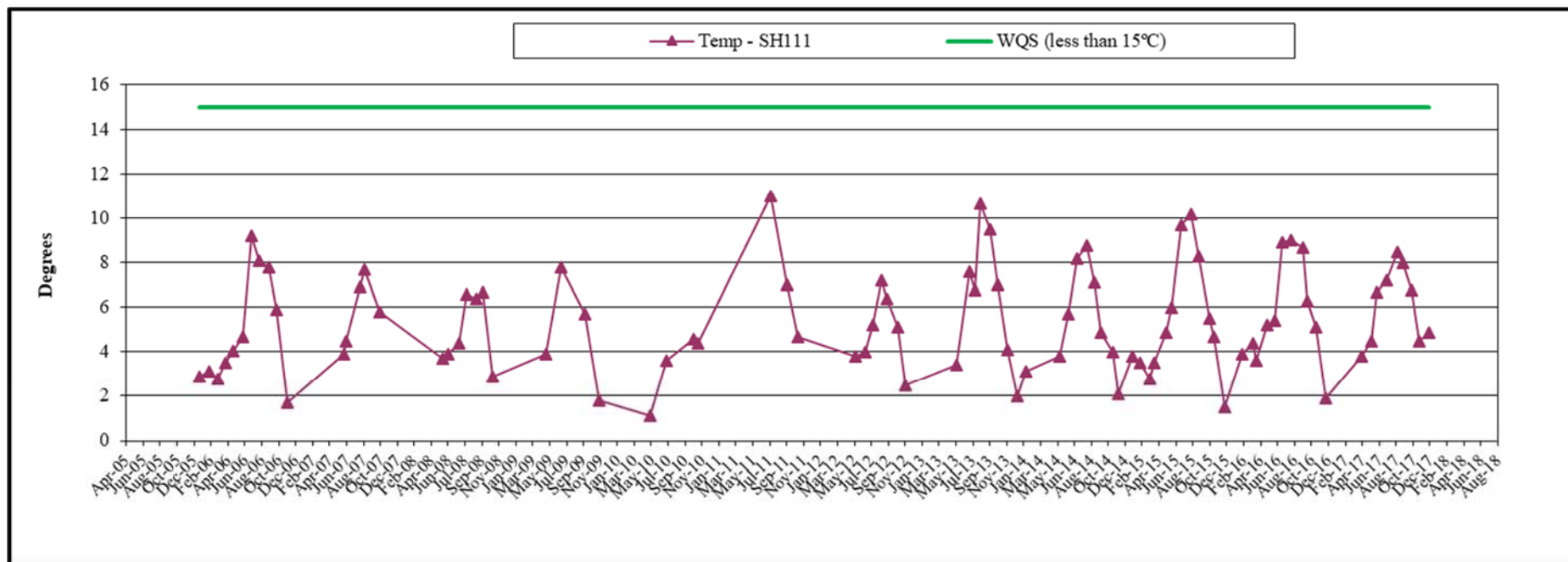


Figure 17a: Ophir Creek (SH111) Monitoring Results 2006-2017, Field Parameters

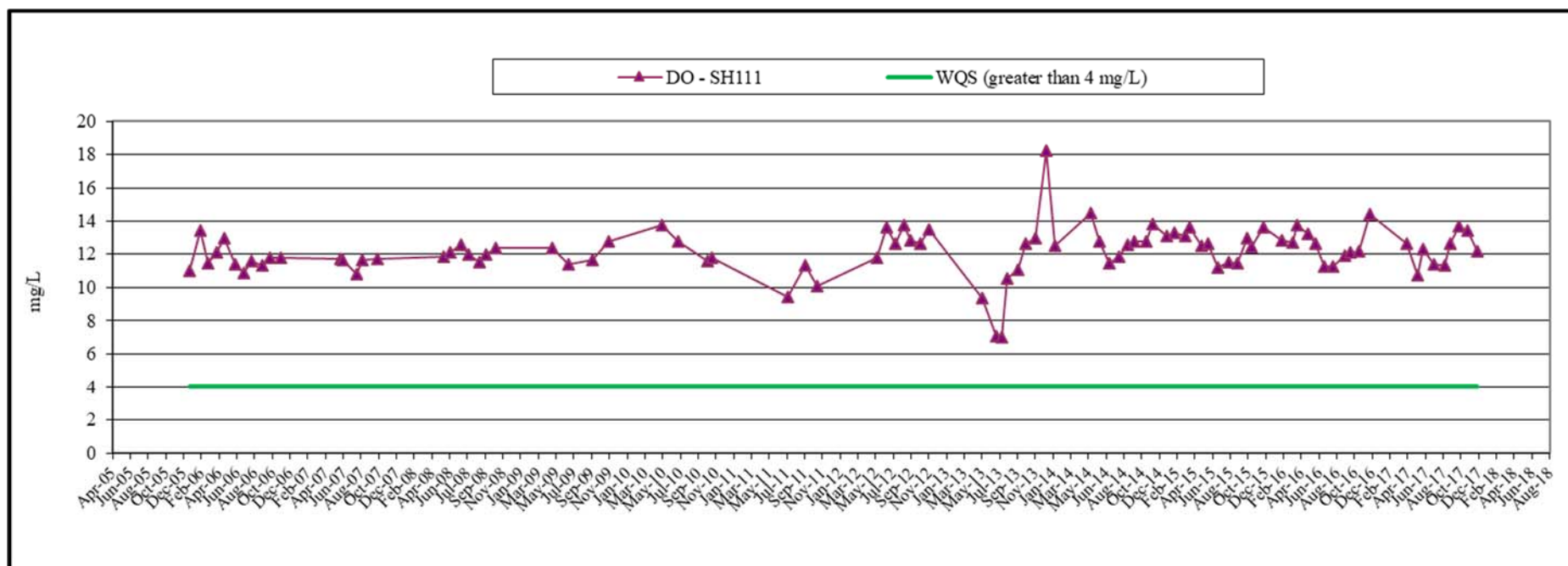


Figure 17a: Ophir Creek (SH111) Monitoring Results 2006-2017, Field Parameters

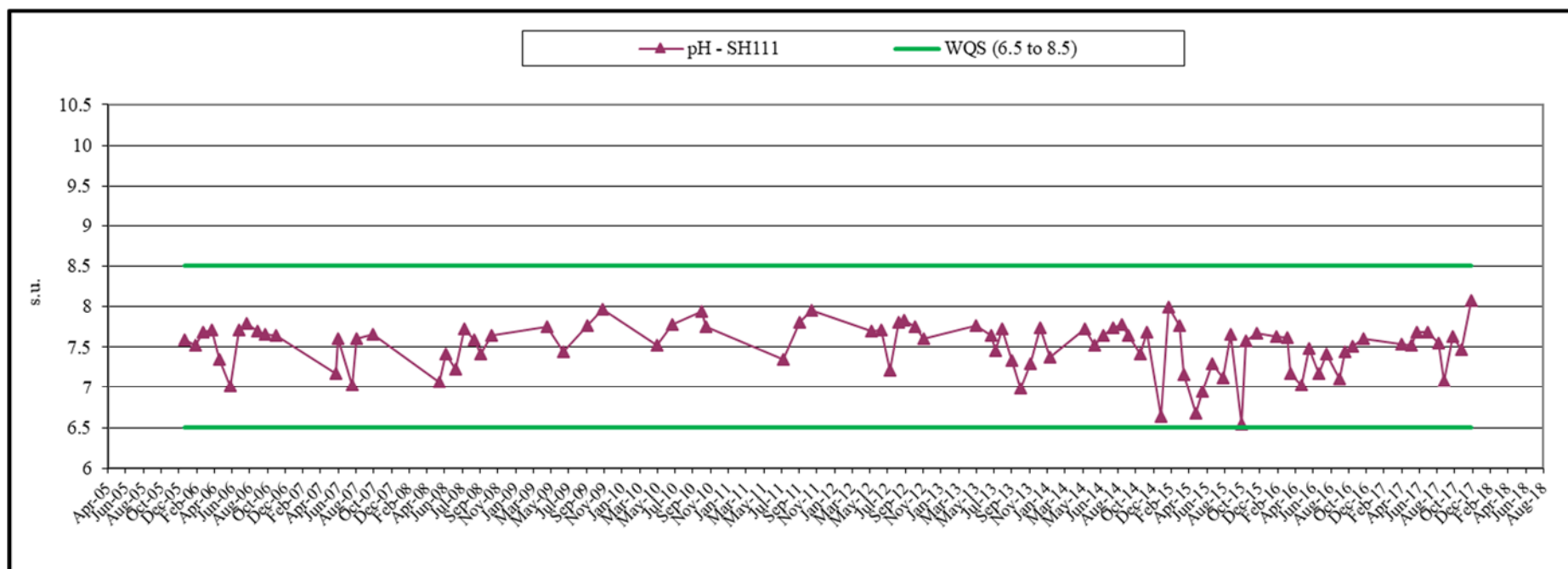


Figure 17a: Ophir Creek (SH111) Monitoring Results 2006-2017, Field Parameters

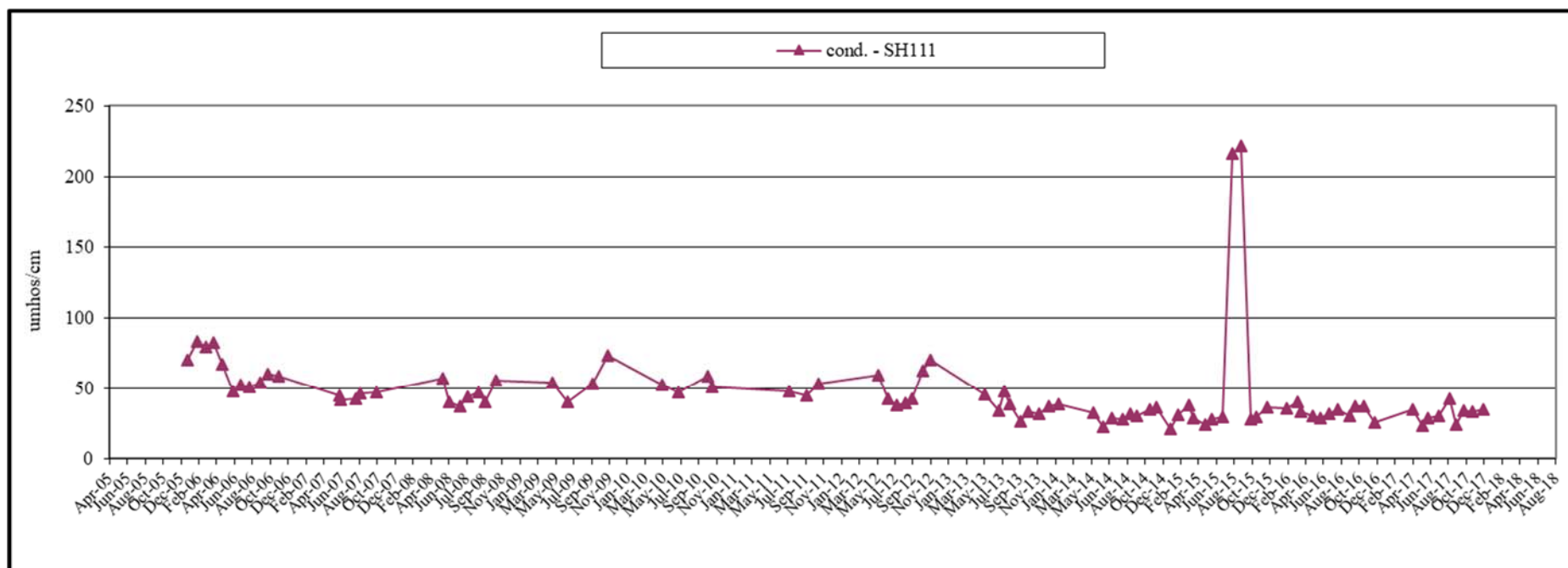


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

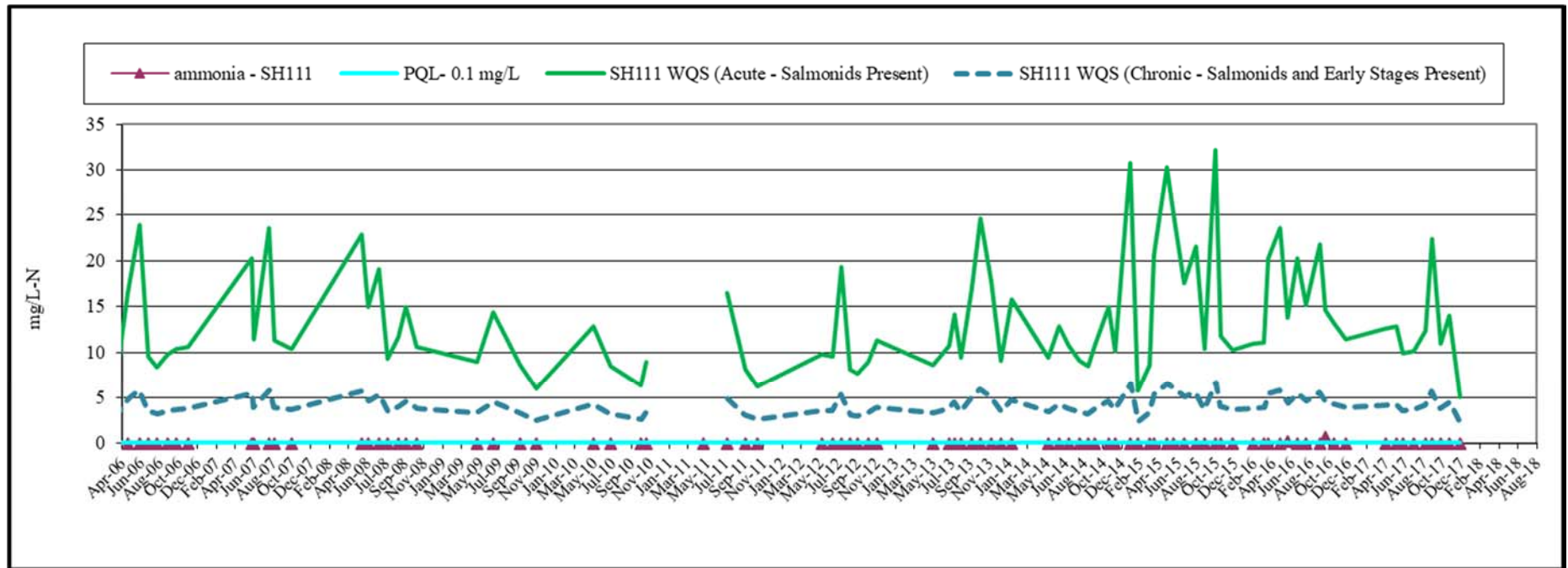


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

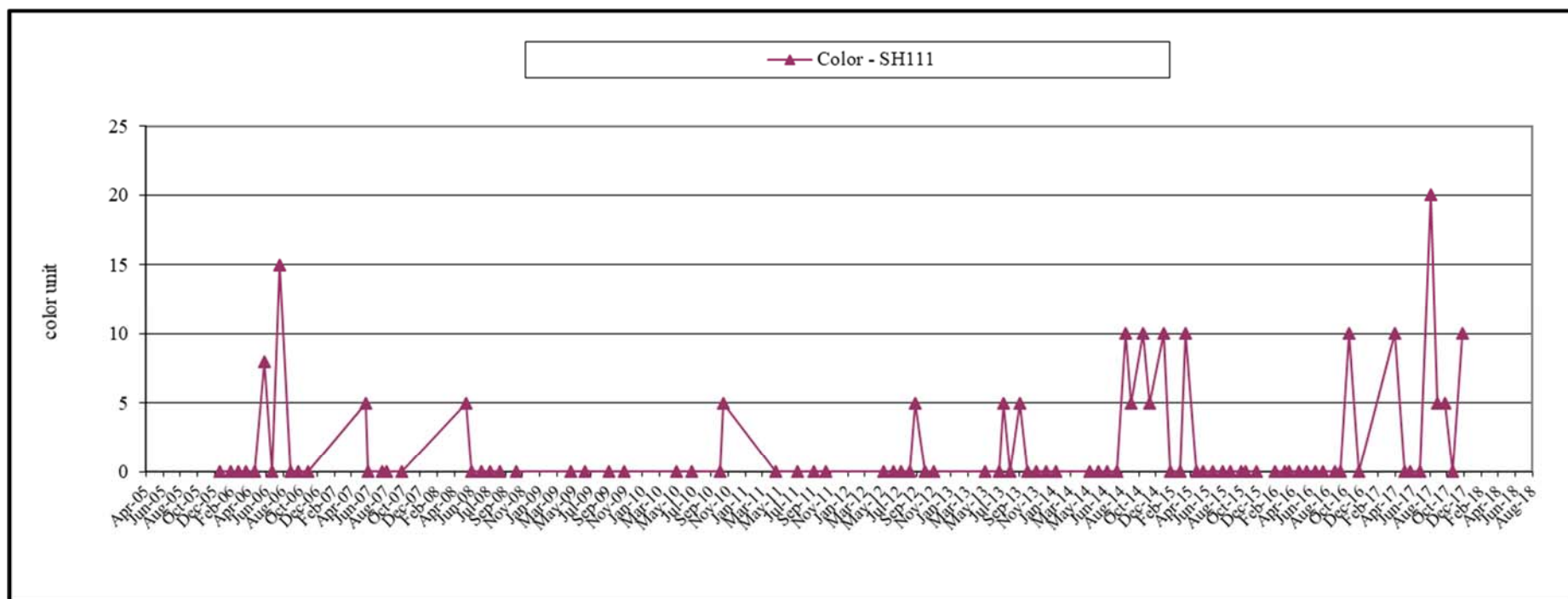


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

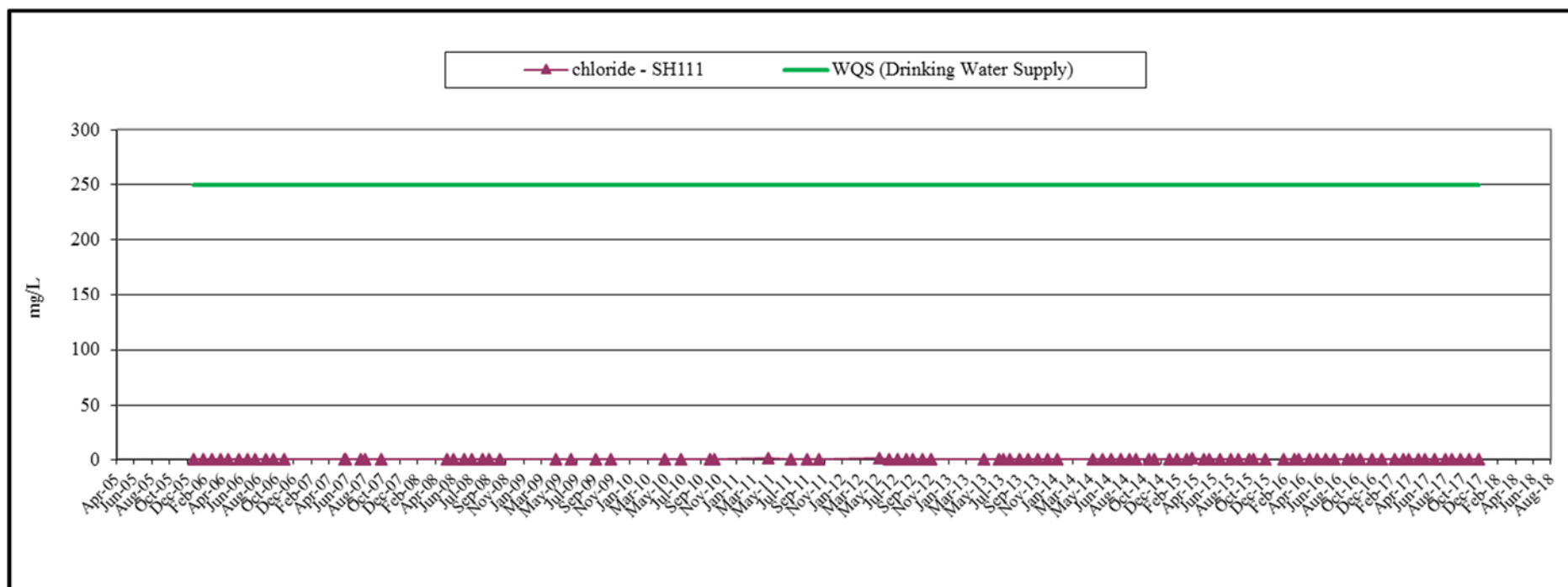


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

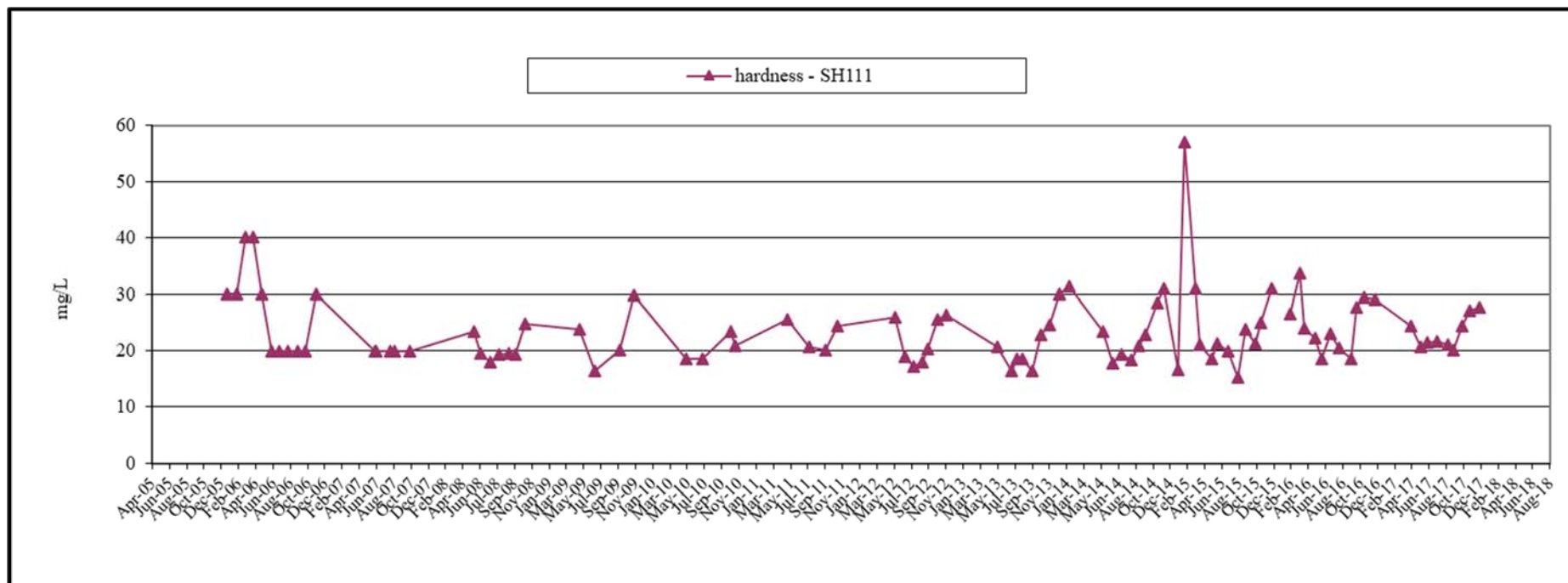


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

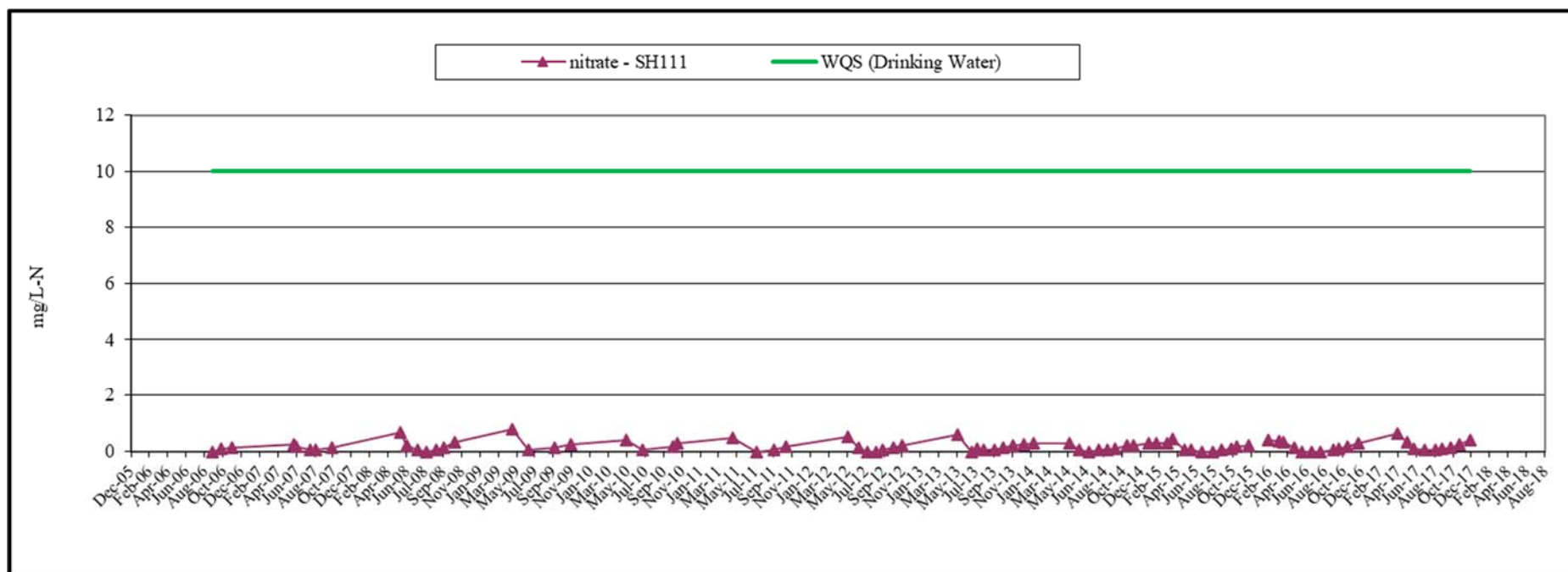


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

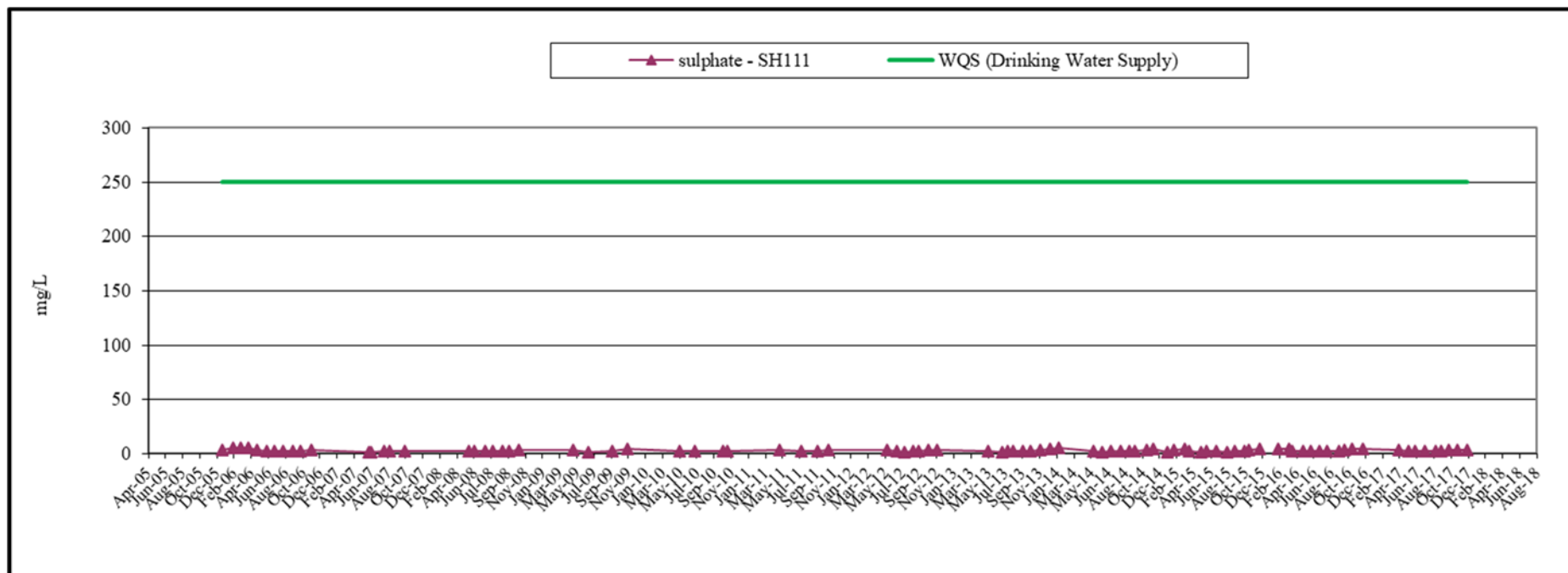


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

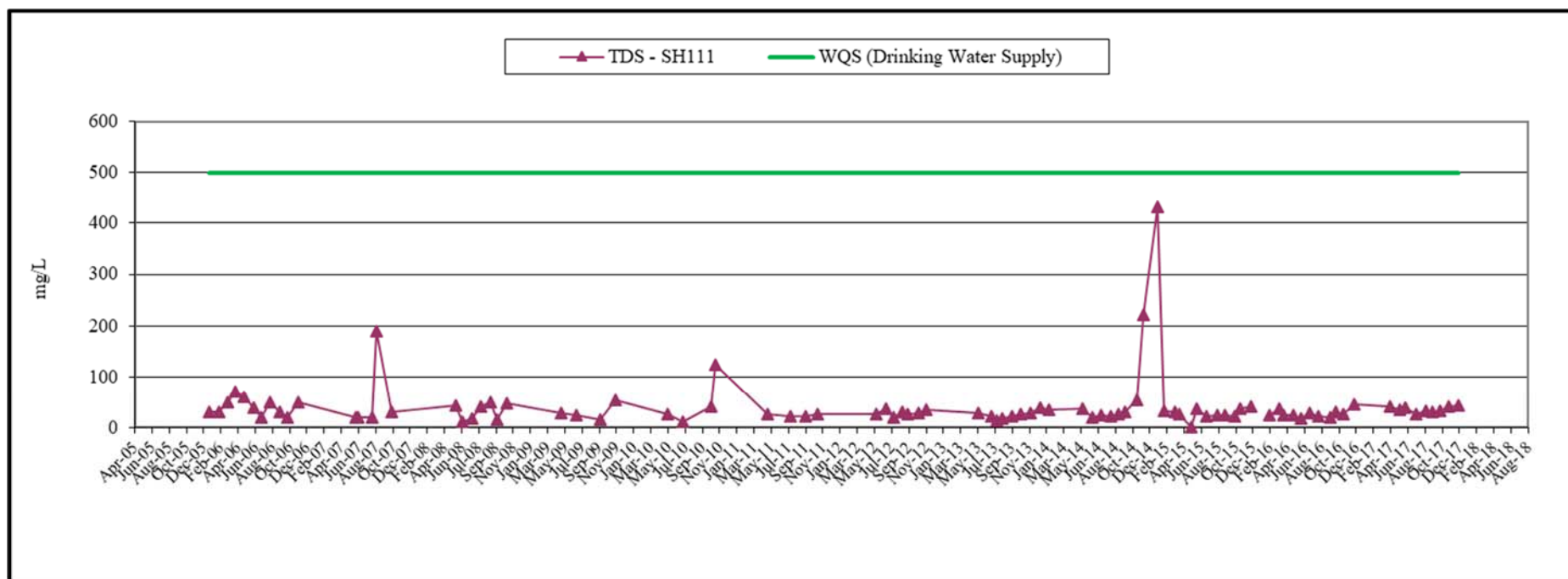


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

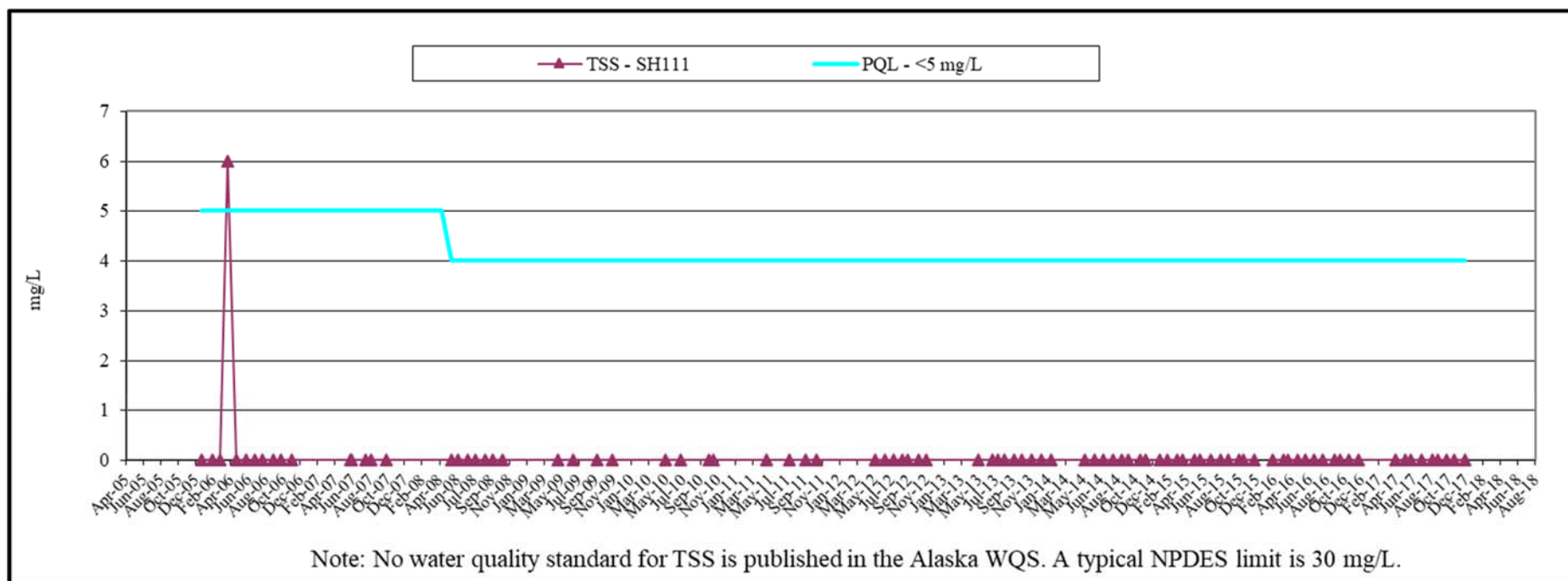


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

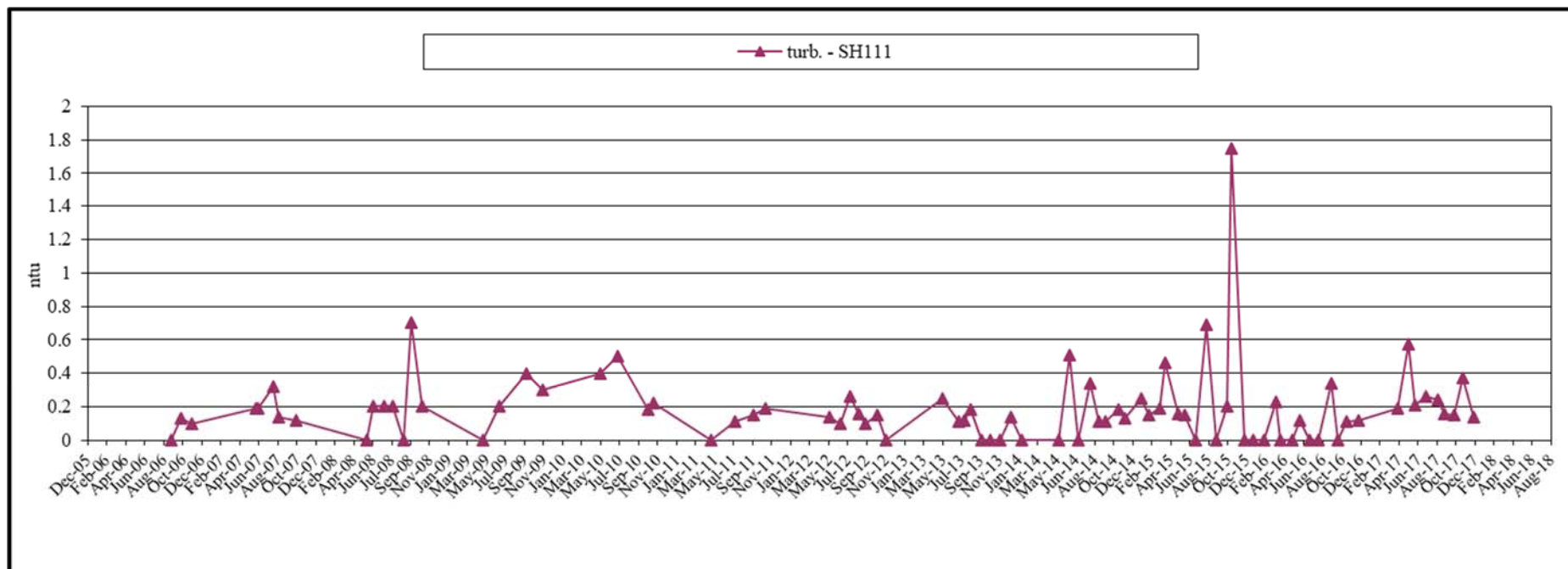


Figure 17b: Ophir Creek (SH111) Monitoring Results 2006-2017, Major Chemistry

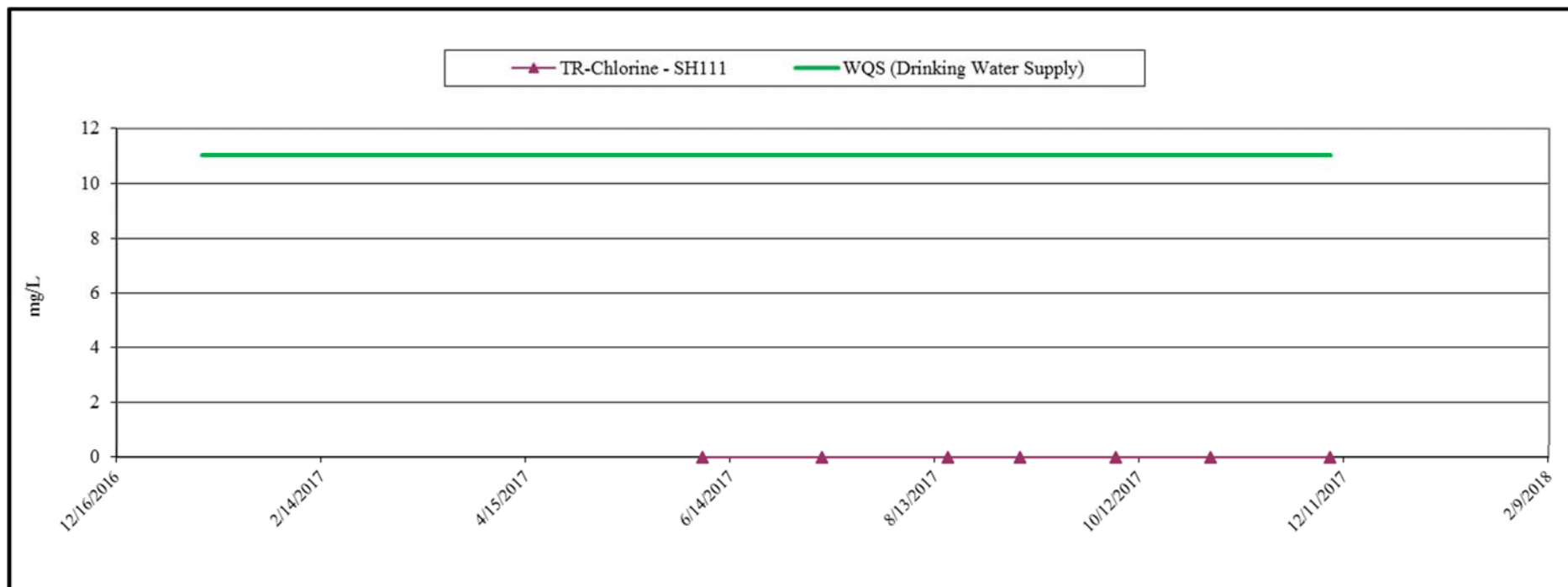


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

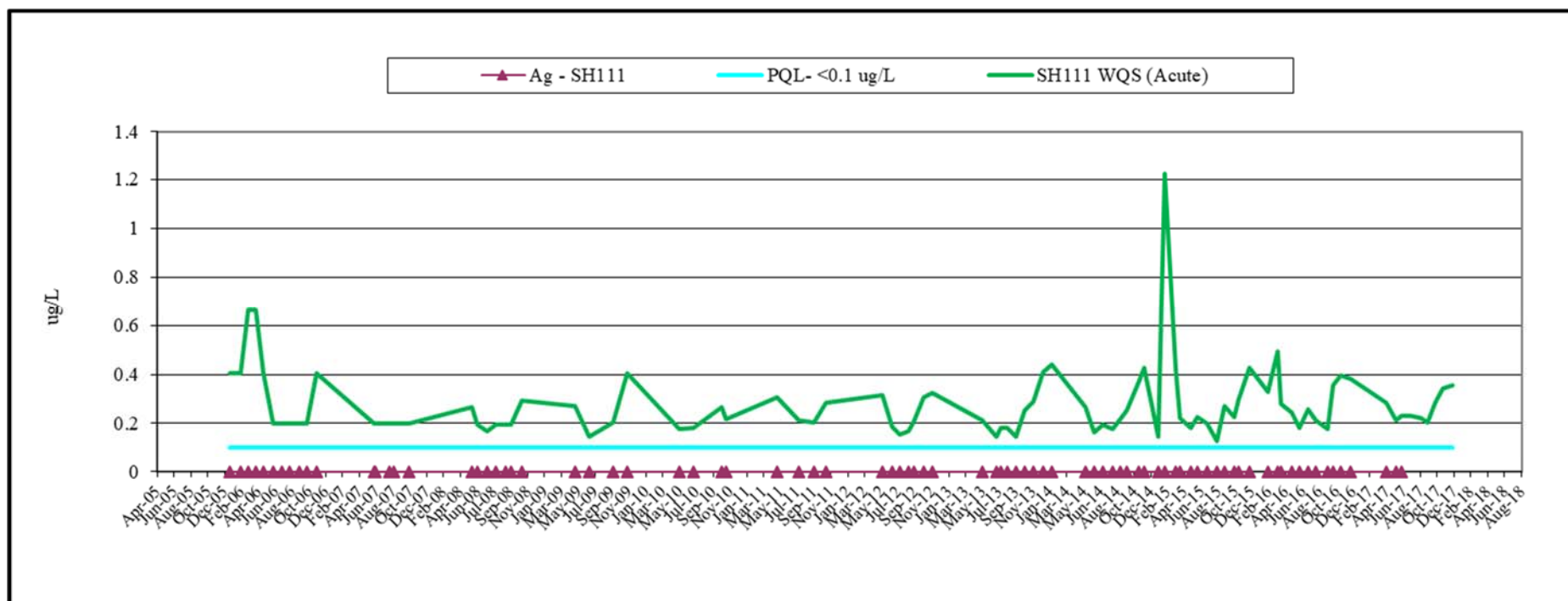


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

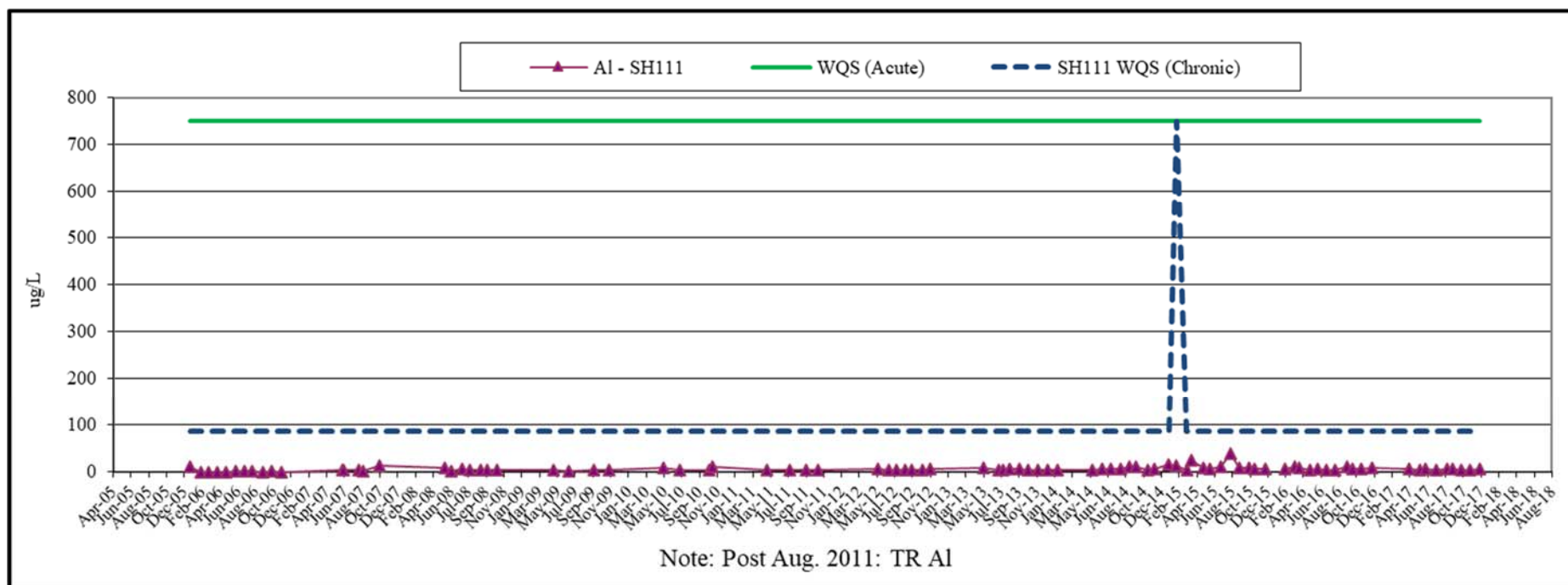


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

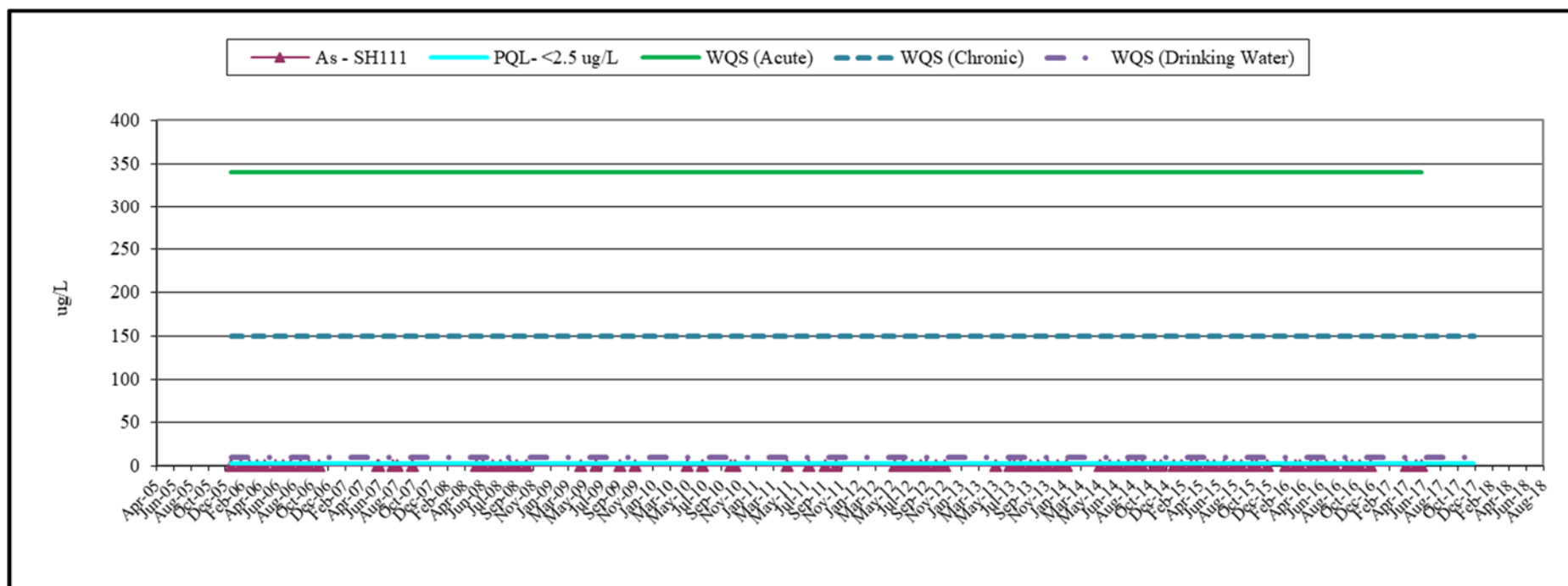


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

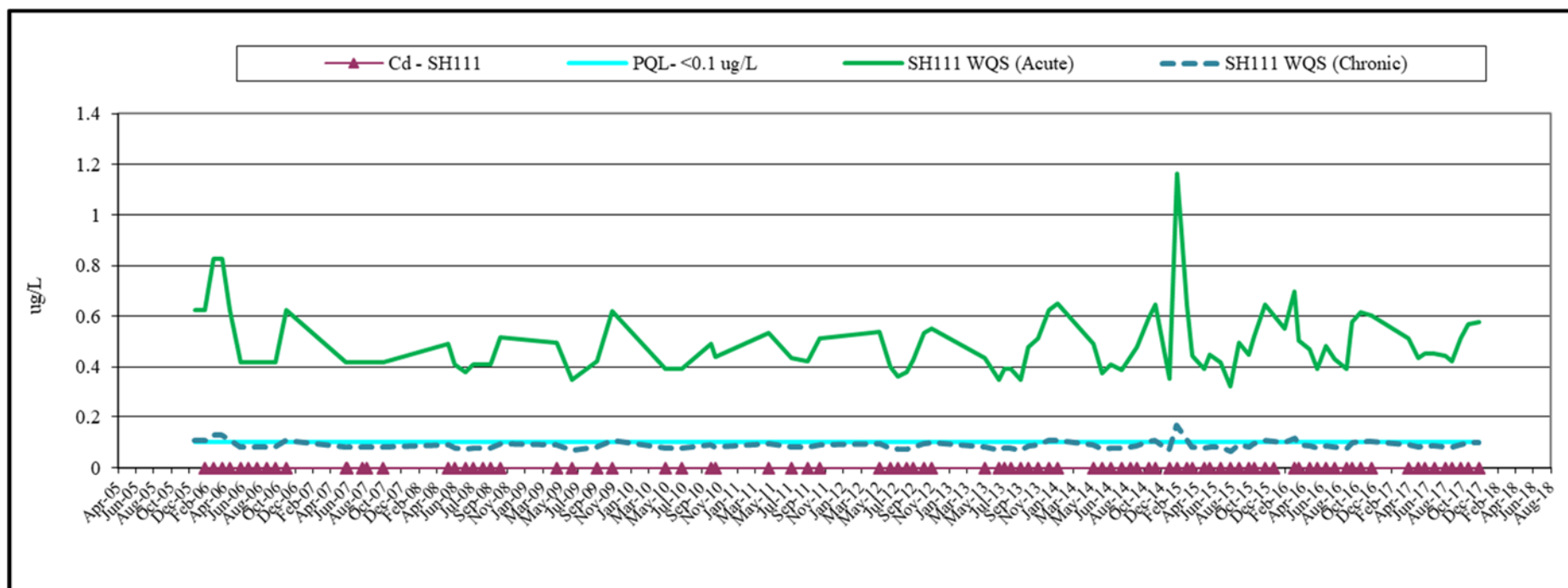


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

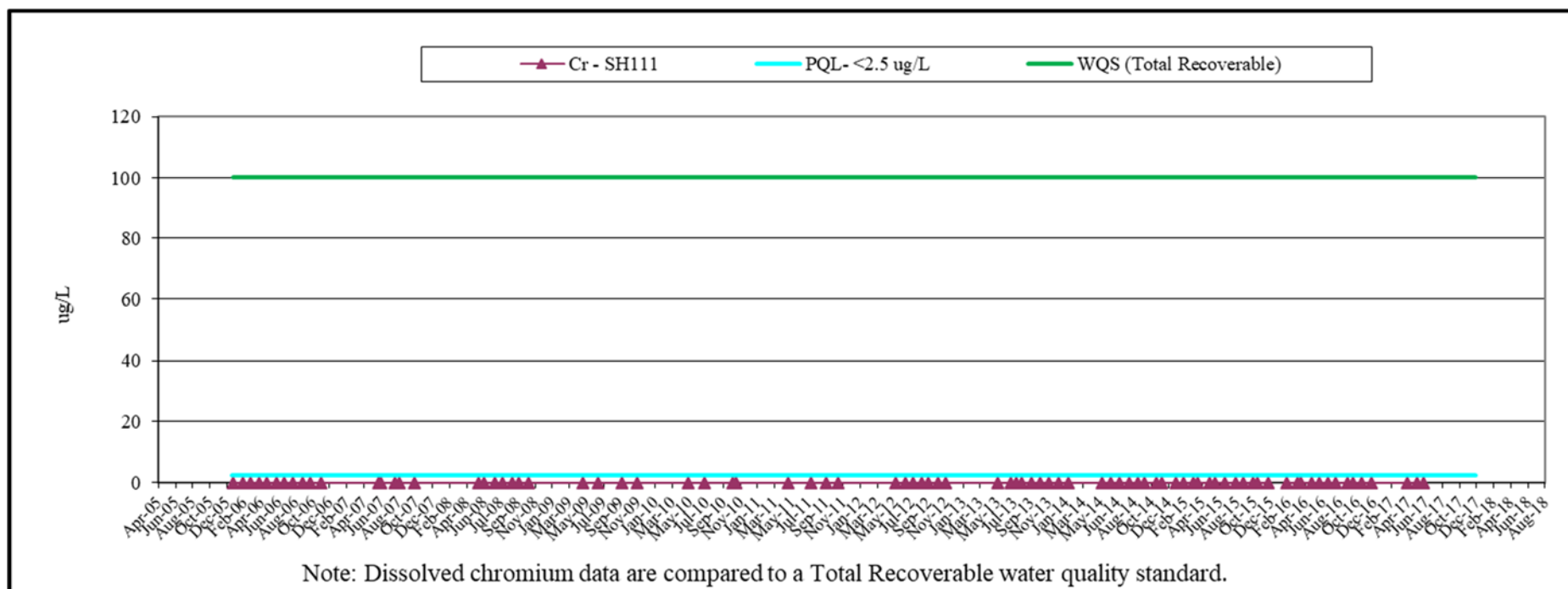


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

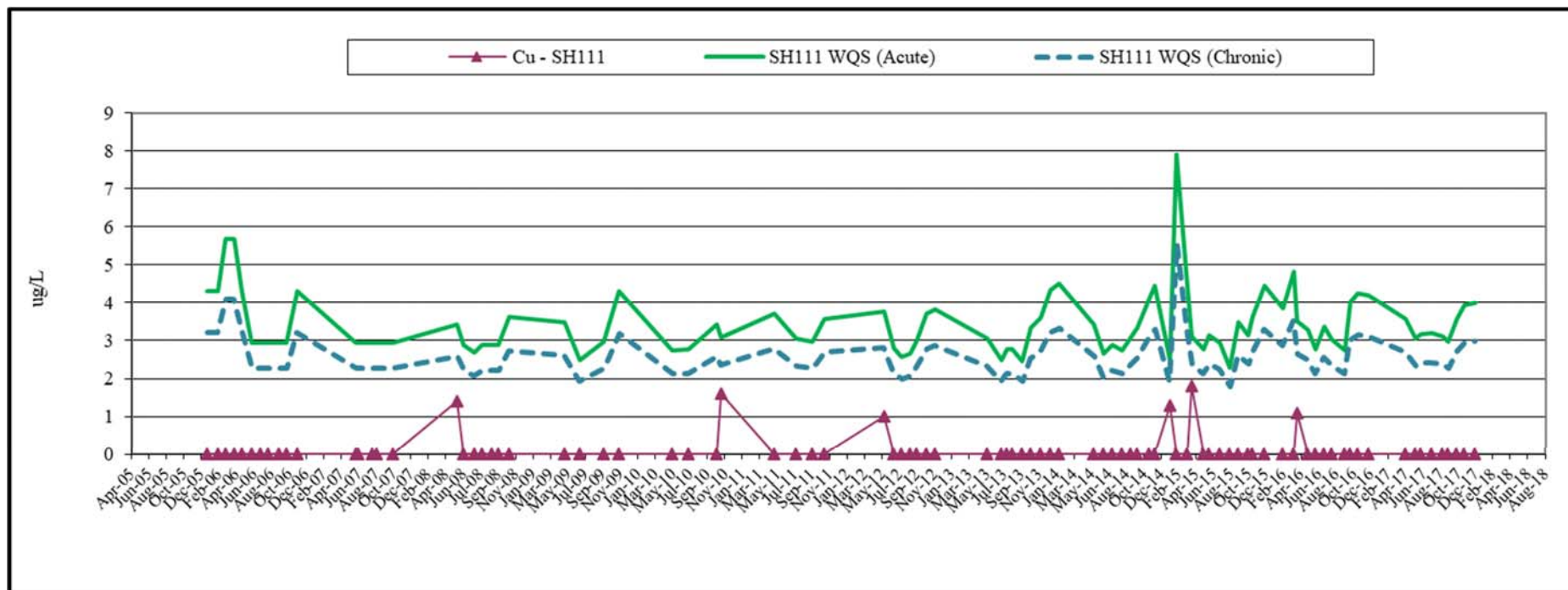


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

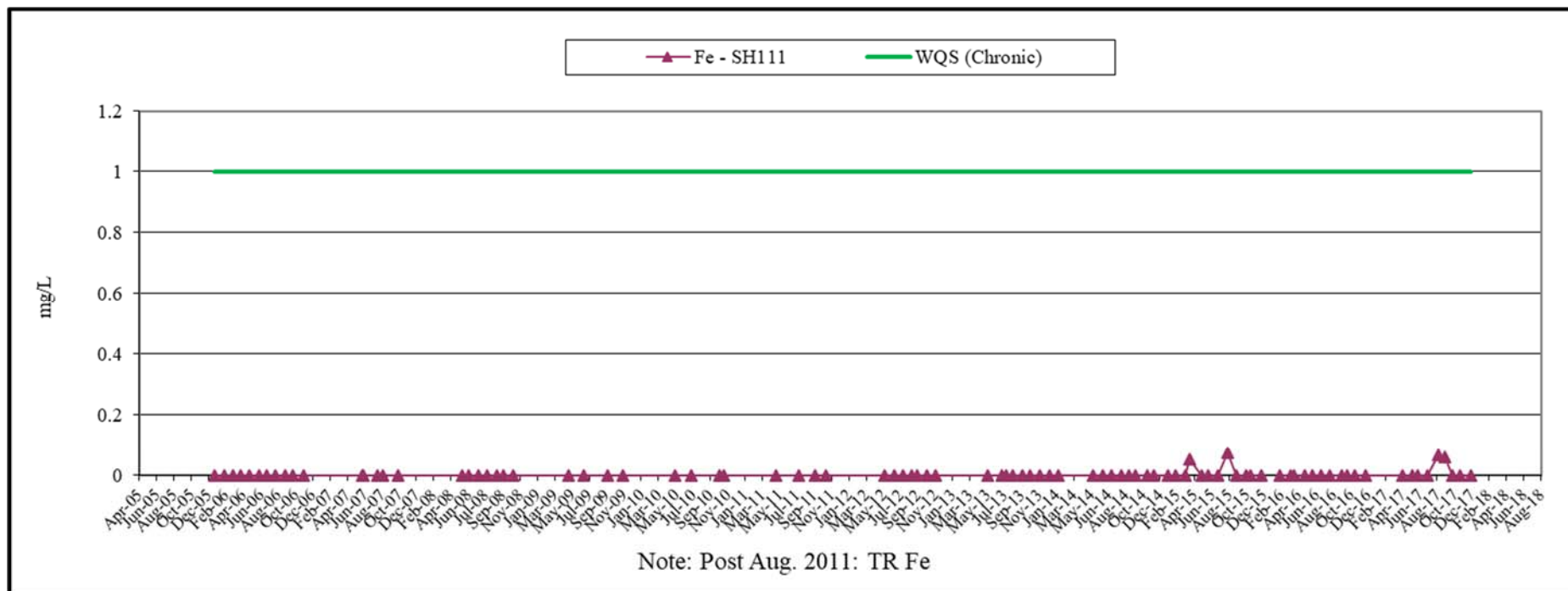


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

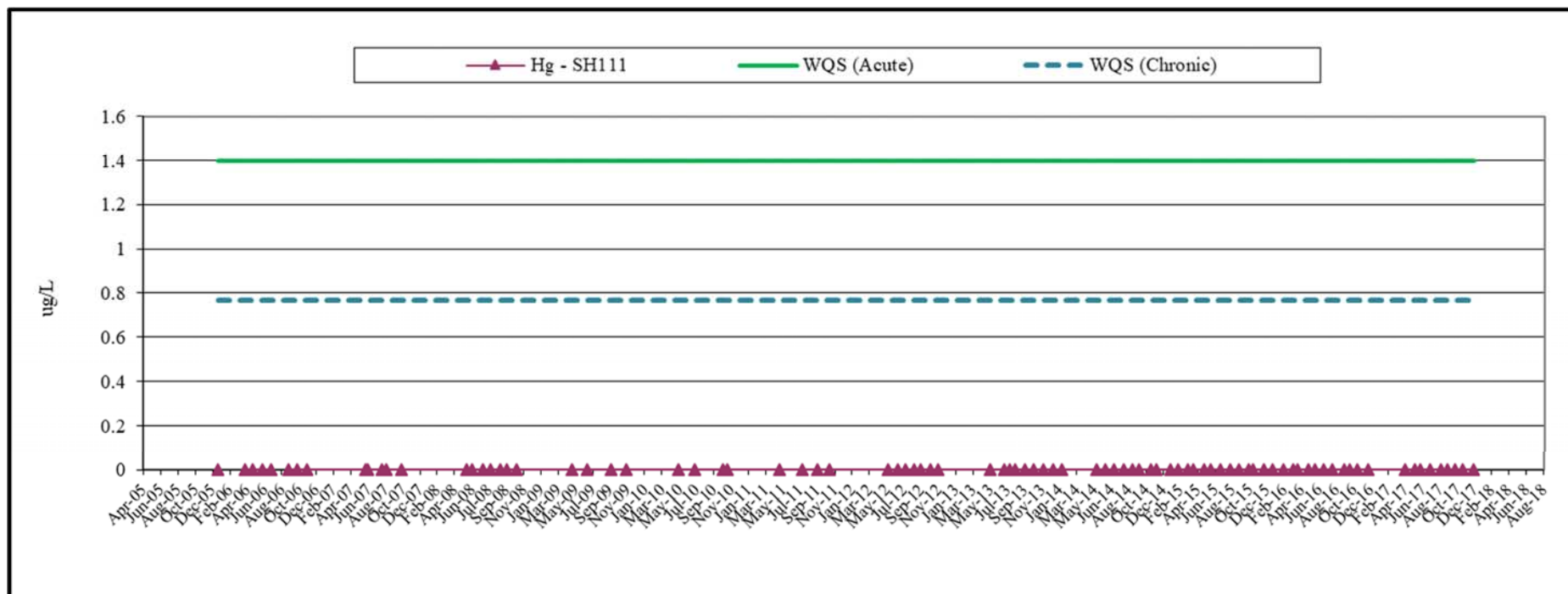


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

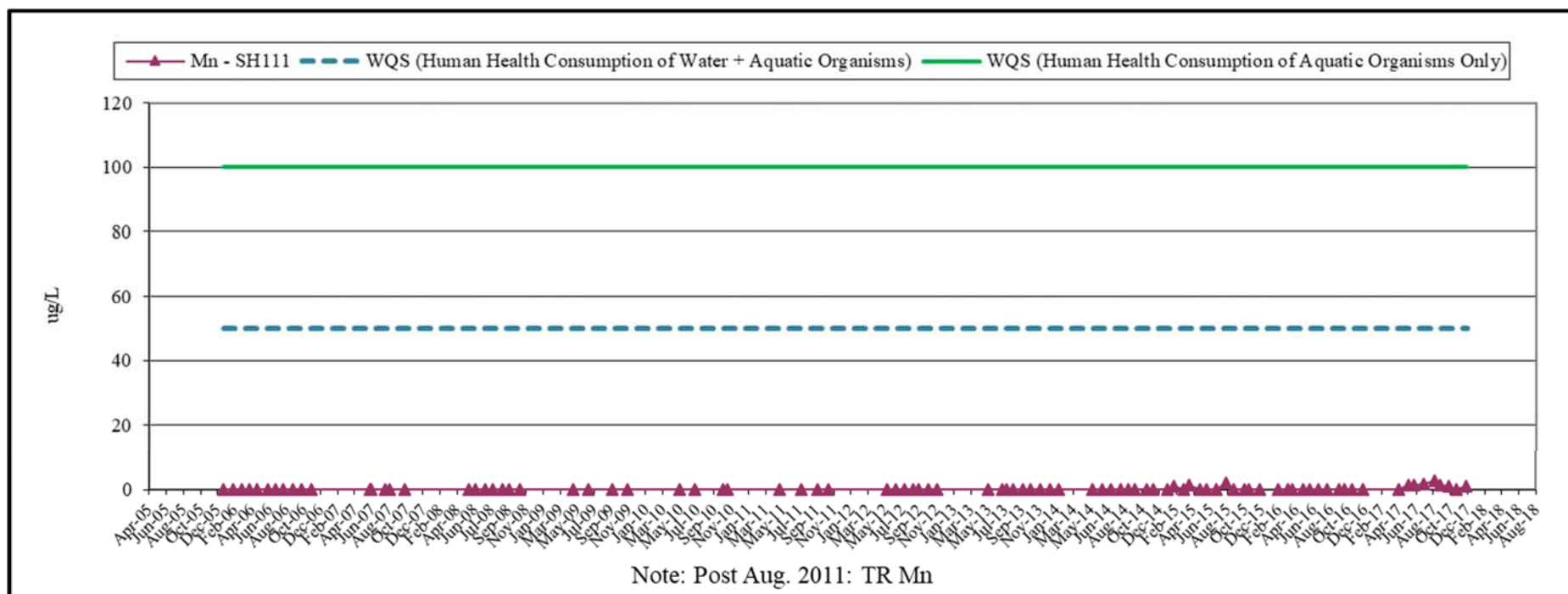


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

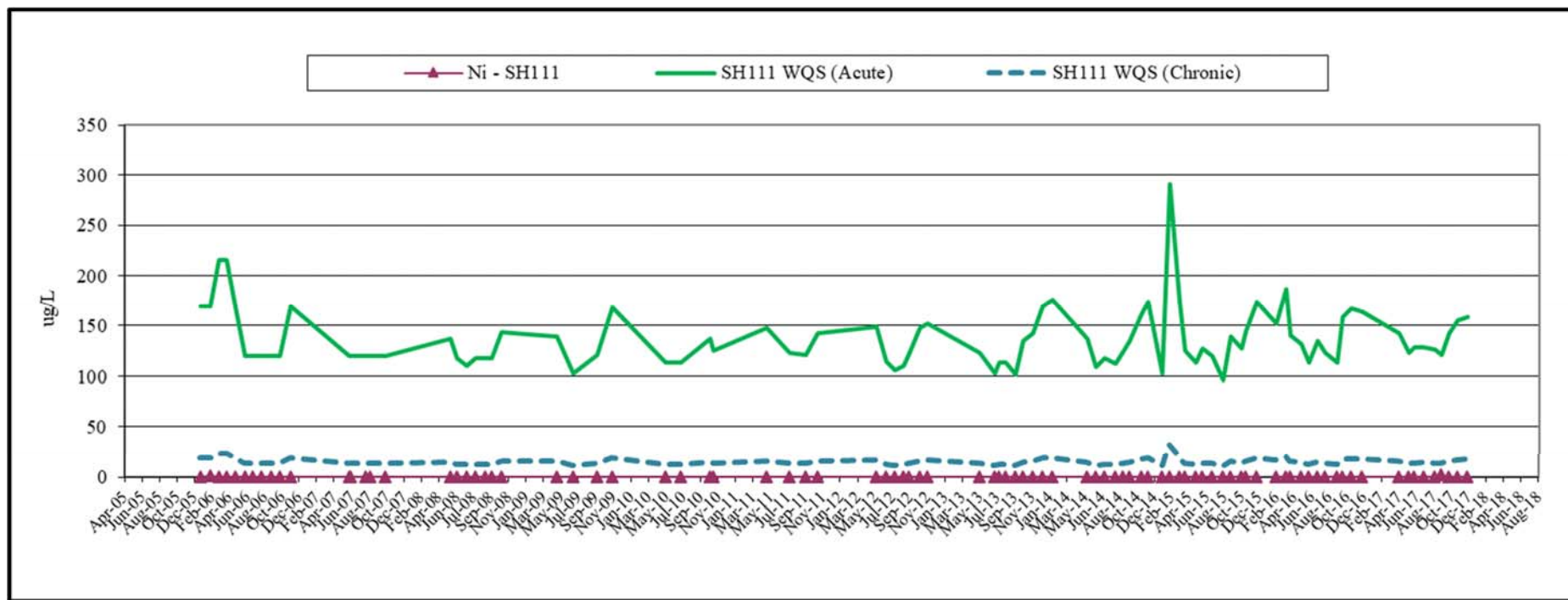


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

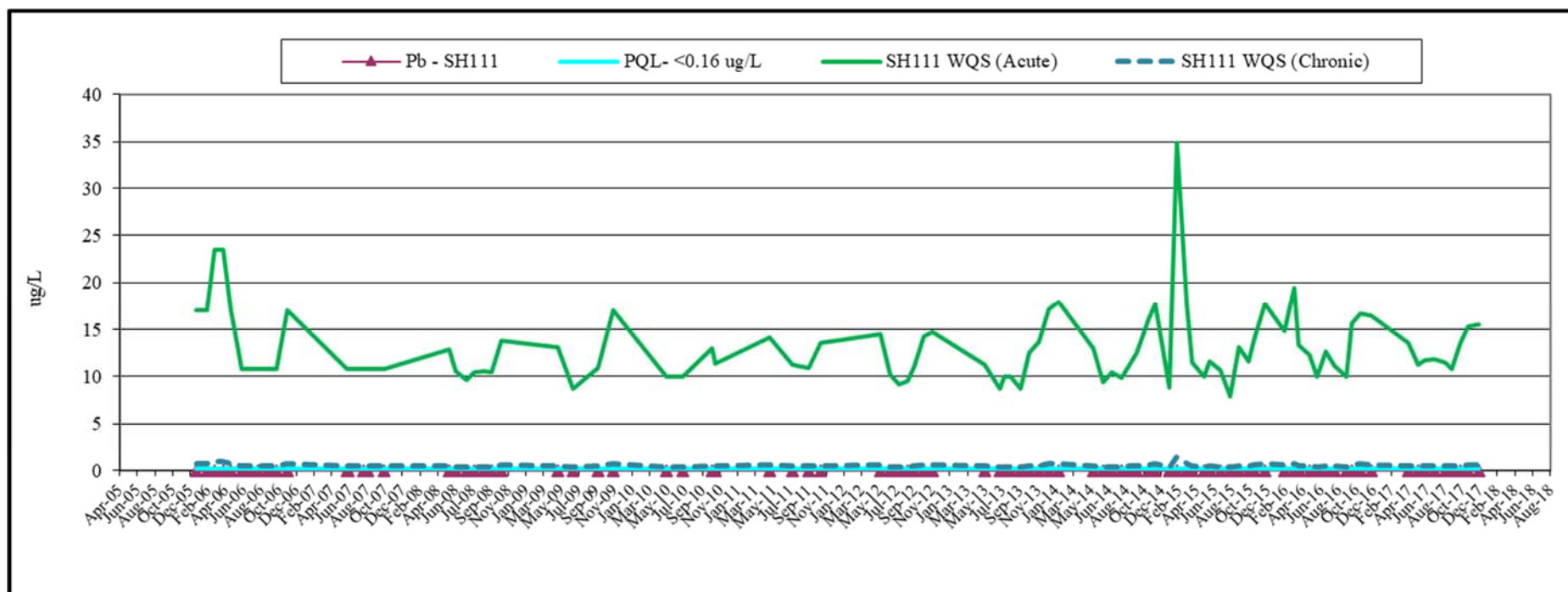


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

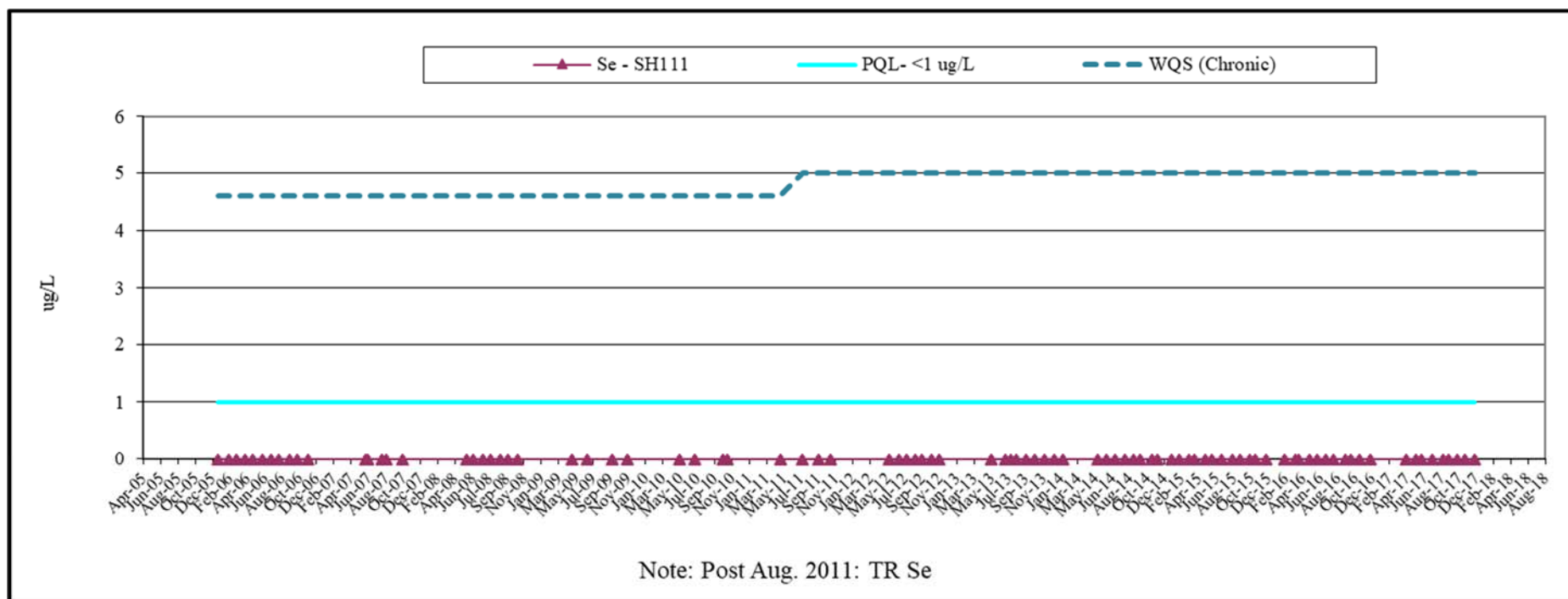


Figure 17c: Ophir Creek (SH111) Monitoring Results 2006-2017, Trace Chemistry

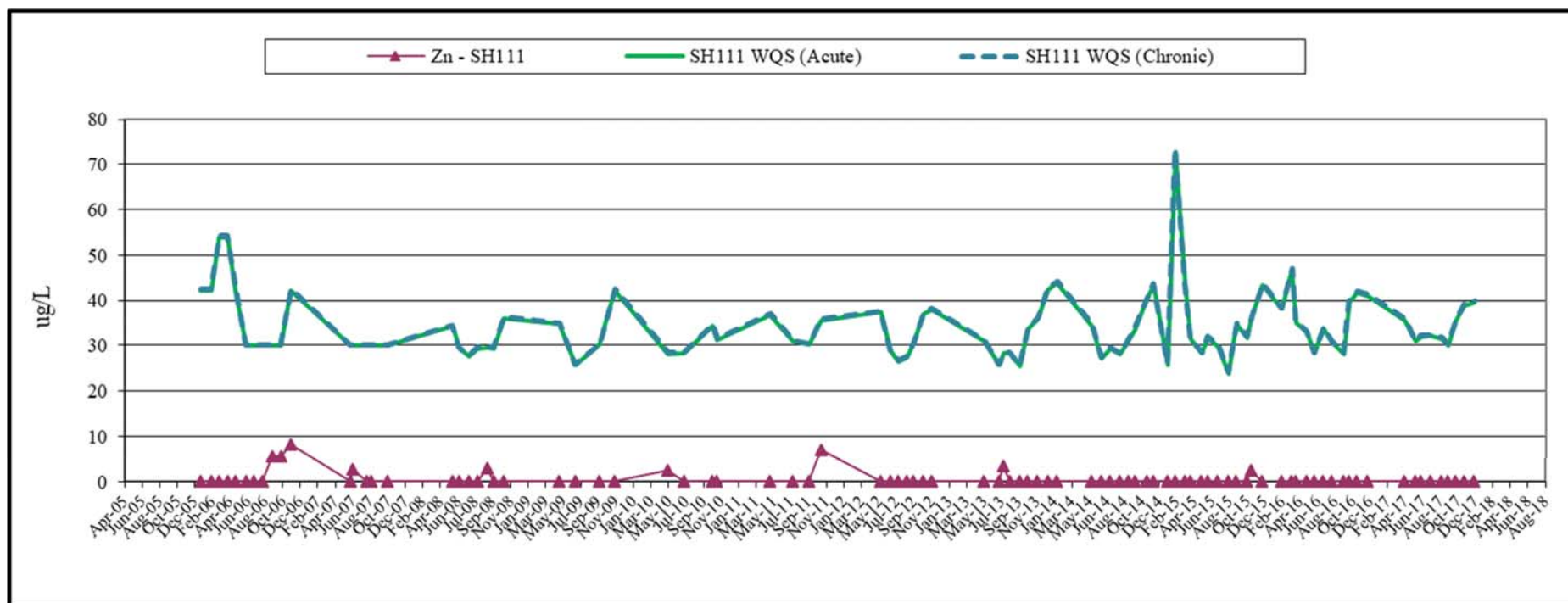


Figure 18a: Outfall 001 Effluent Monitoring Results 2006-2017, Field Parameters

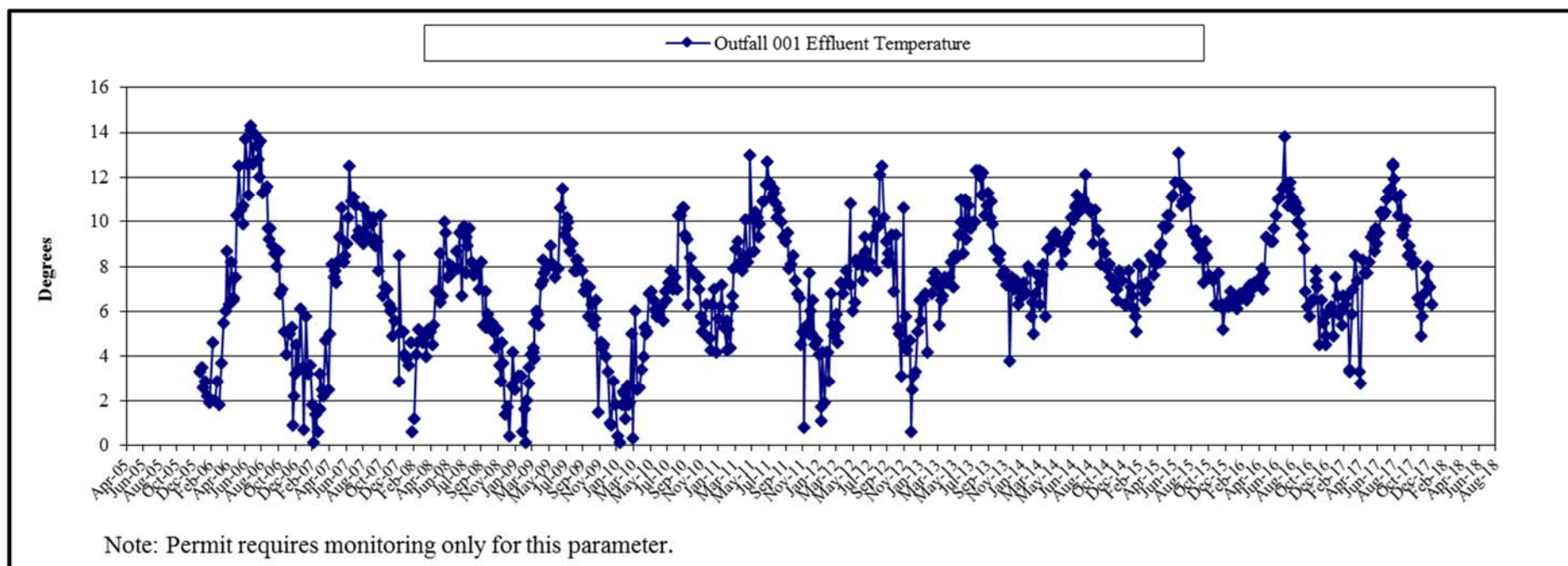


Figure 18a: Outfall 001 Effluent Monitoring Results 2006-2017, Field Parameters

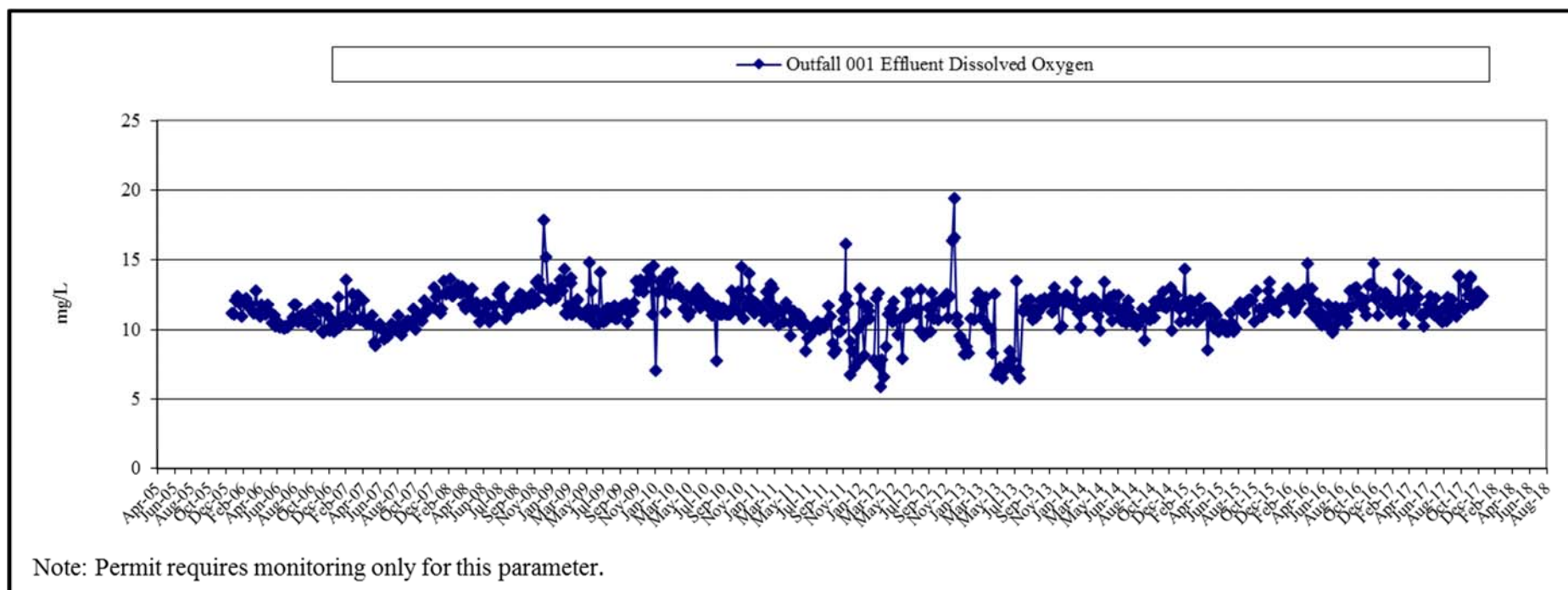


Figure 18a: Outfall 001 Effluent Monitoring Results 2006-2017, Field Parameters

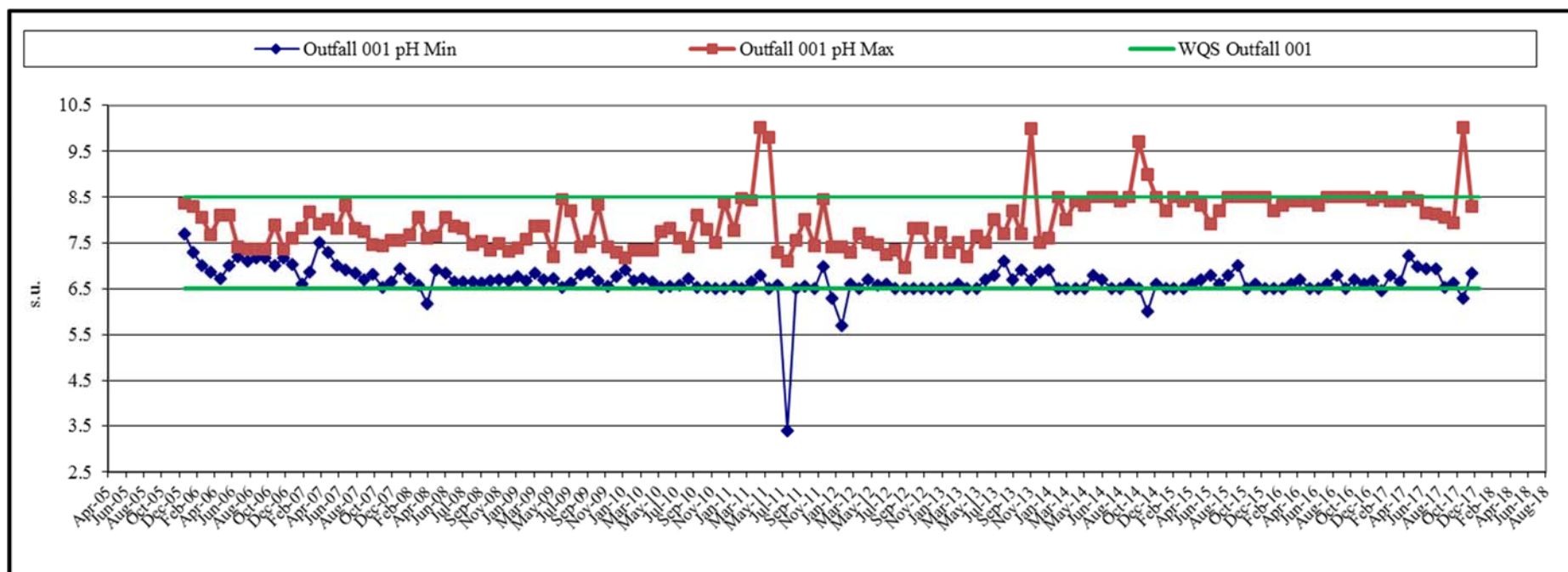


Figure 18a: Outfall 001 Effluent Monitoring Results 2006-2017, Field Parameters

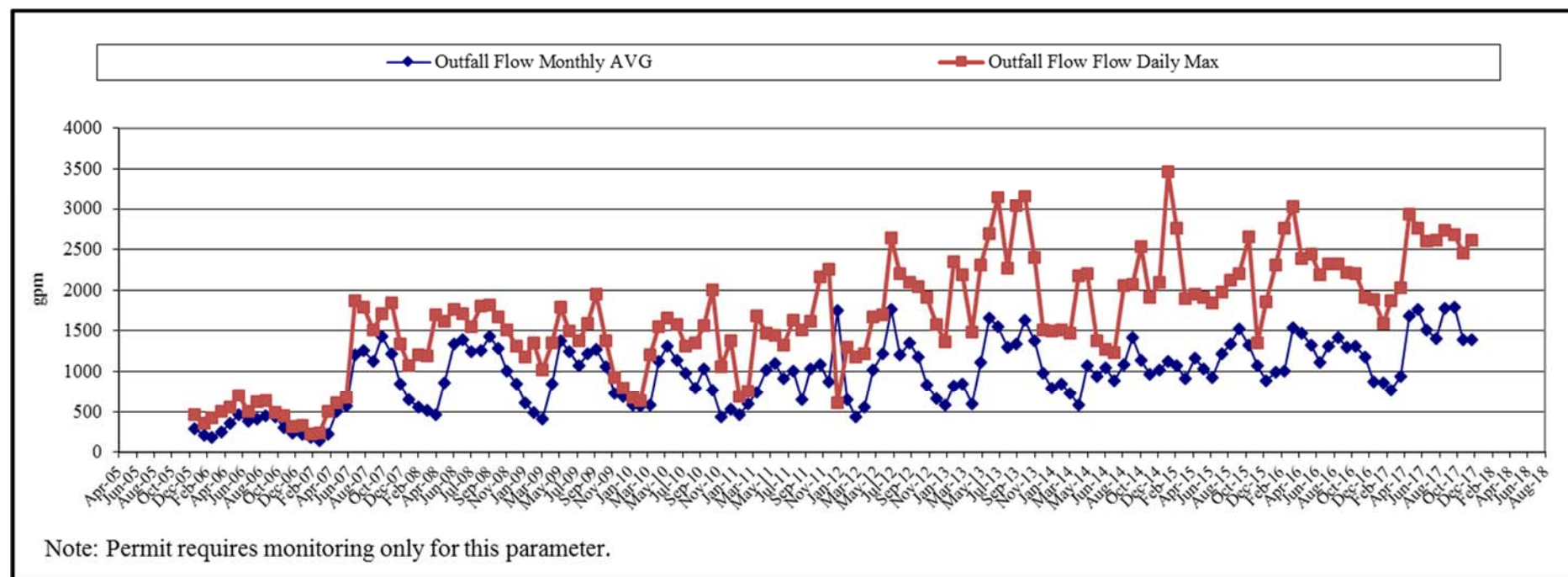


Figure 18b: Outfall 001 Effluent Monitoring Results 2006-2017, Major Chemistry

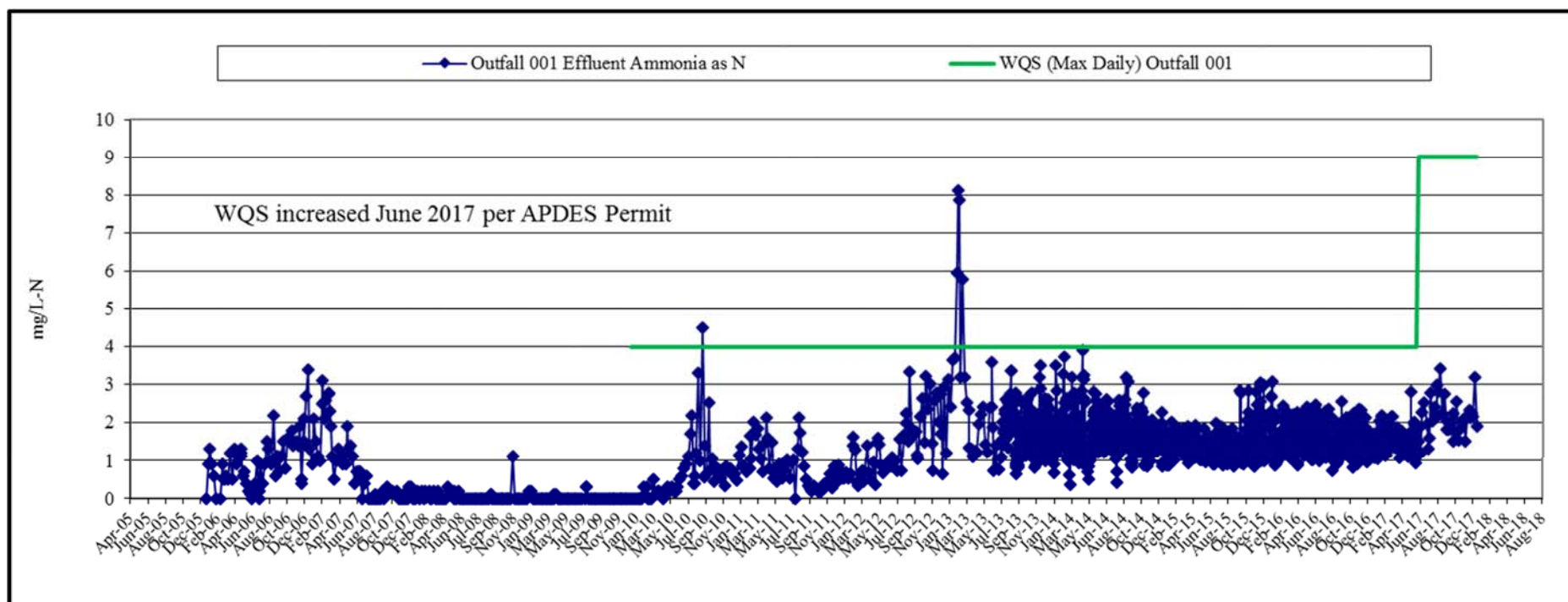


Figure 18b: Outfall 001 Effluent Monitoring Results 2006-2017, Major Chemistry

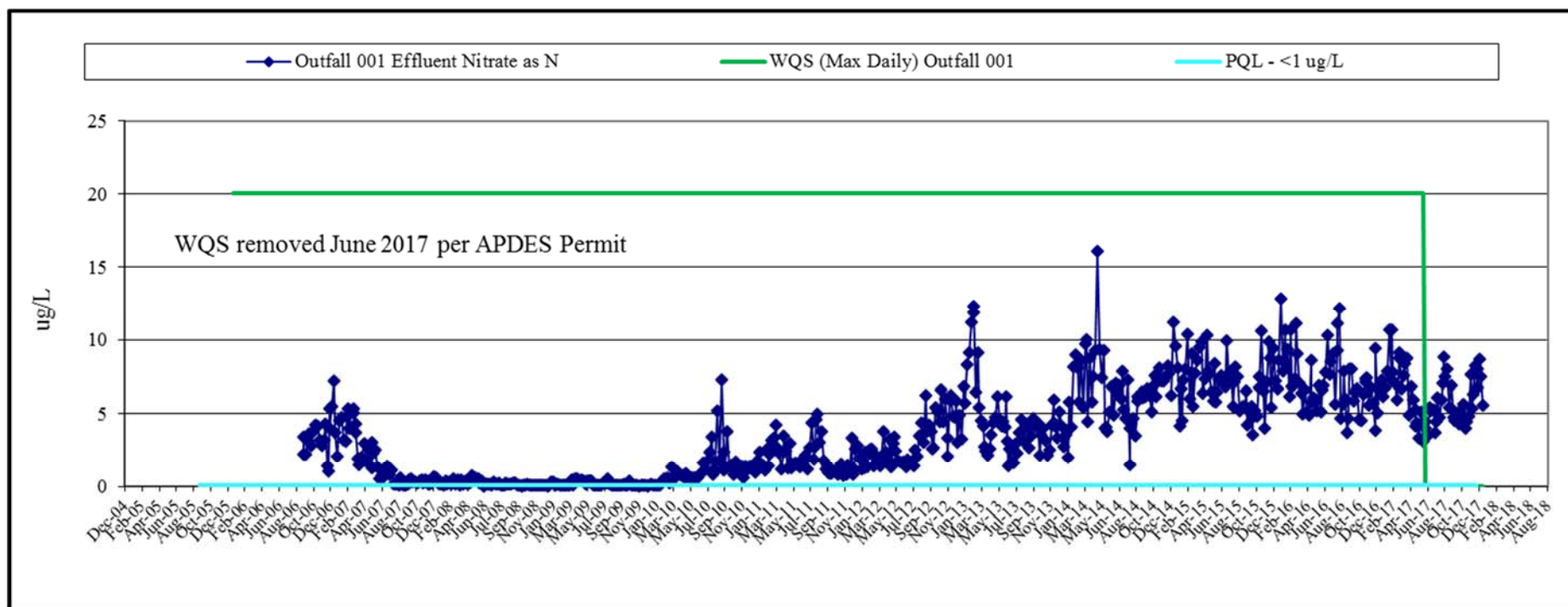


Figure 18b: Outfall 001 Effluent Monitoring Results 2006-2017, Major Chemistry

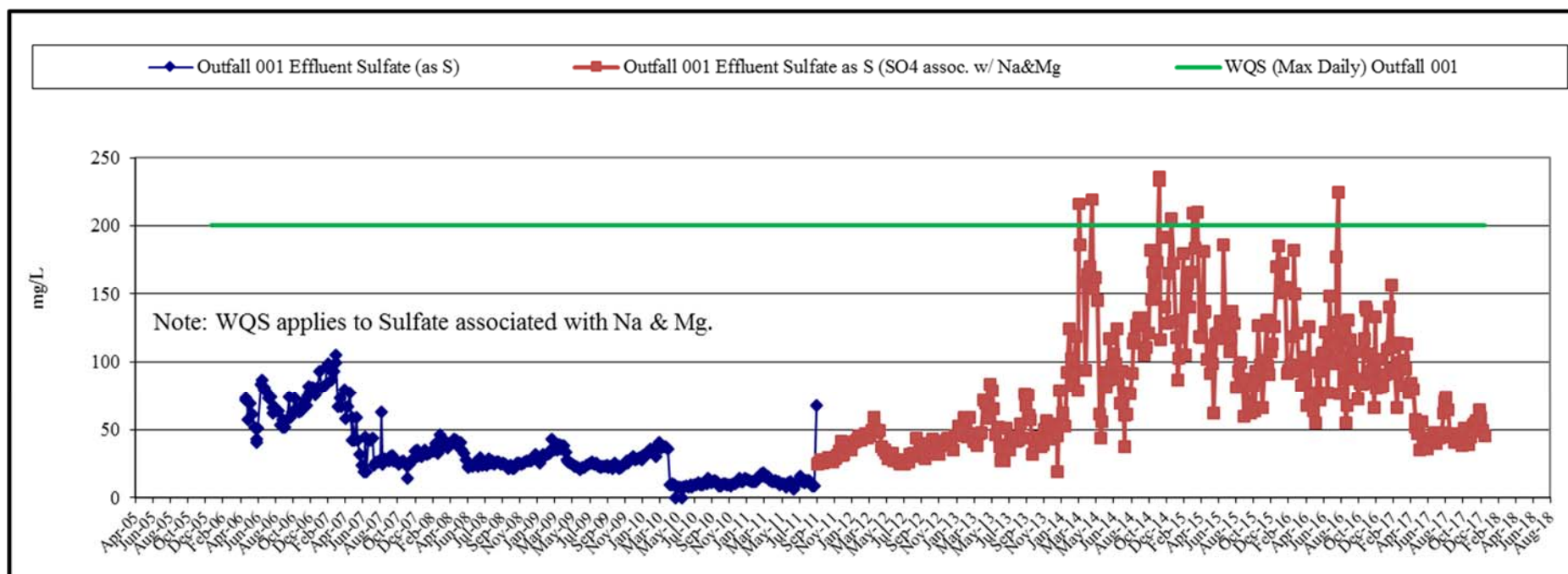


Figure 18b: Outfall 001 Effluent Monitoring Results 2006-2017, Major Chemistry

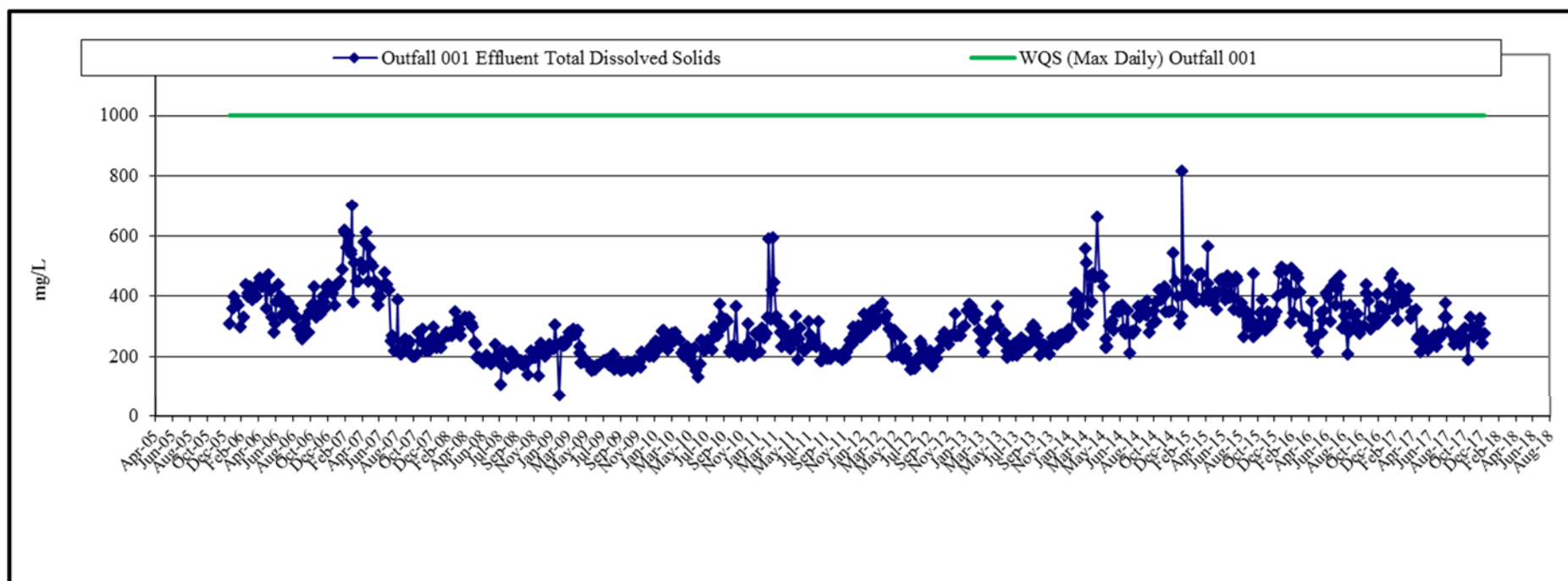


Figure 18b: Outfall 001 Effluent Monitoring Results 2006-2017, Major Chemistry

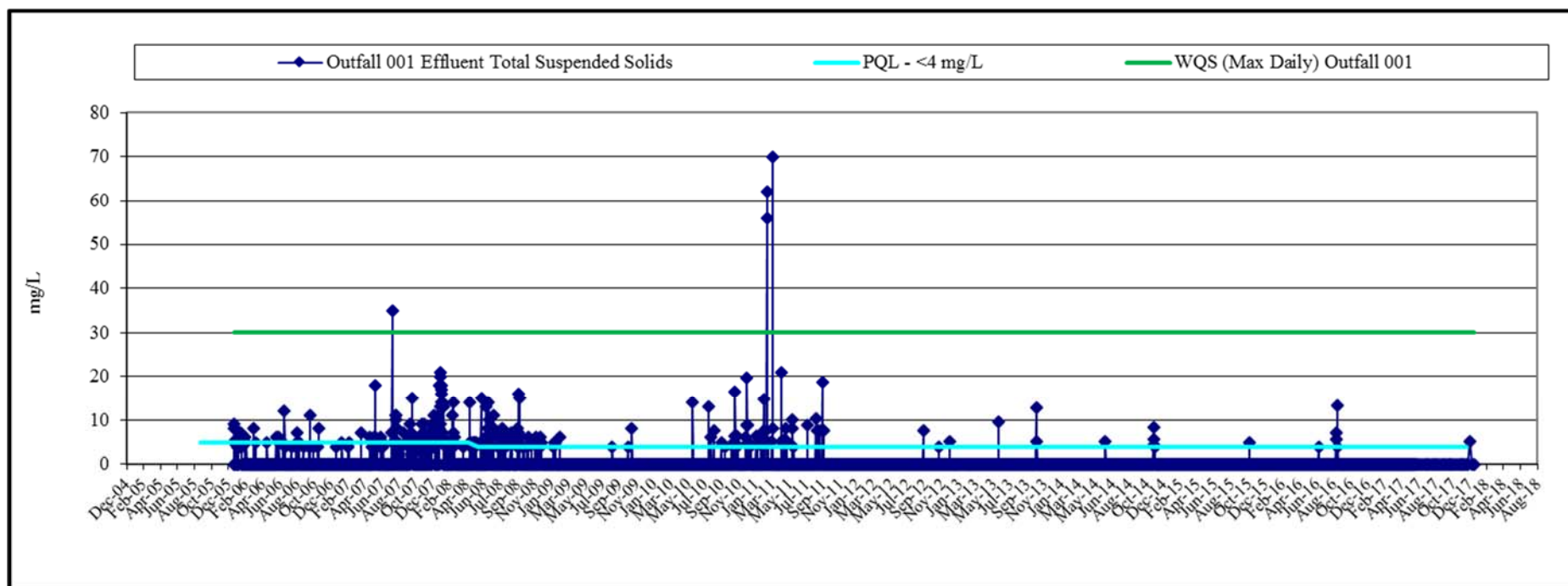


Figure 18b: Outfall 001 Effluent Monitoring Results 2006-2017, Major Chemistry

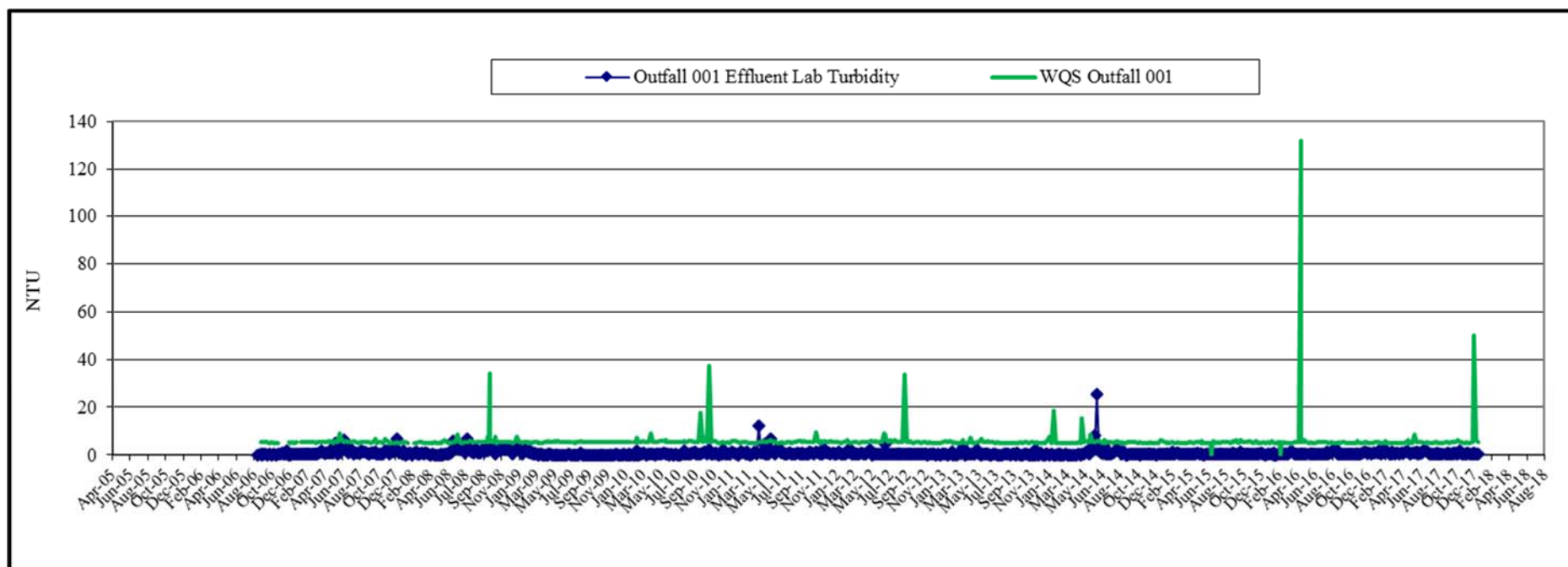


Figure 18b: Outfall 001 Effluent Monitoring Results 2006-2017, Major Chemistry

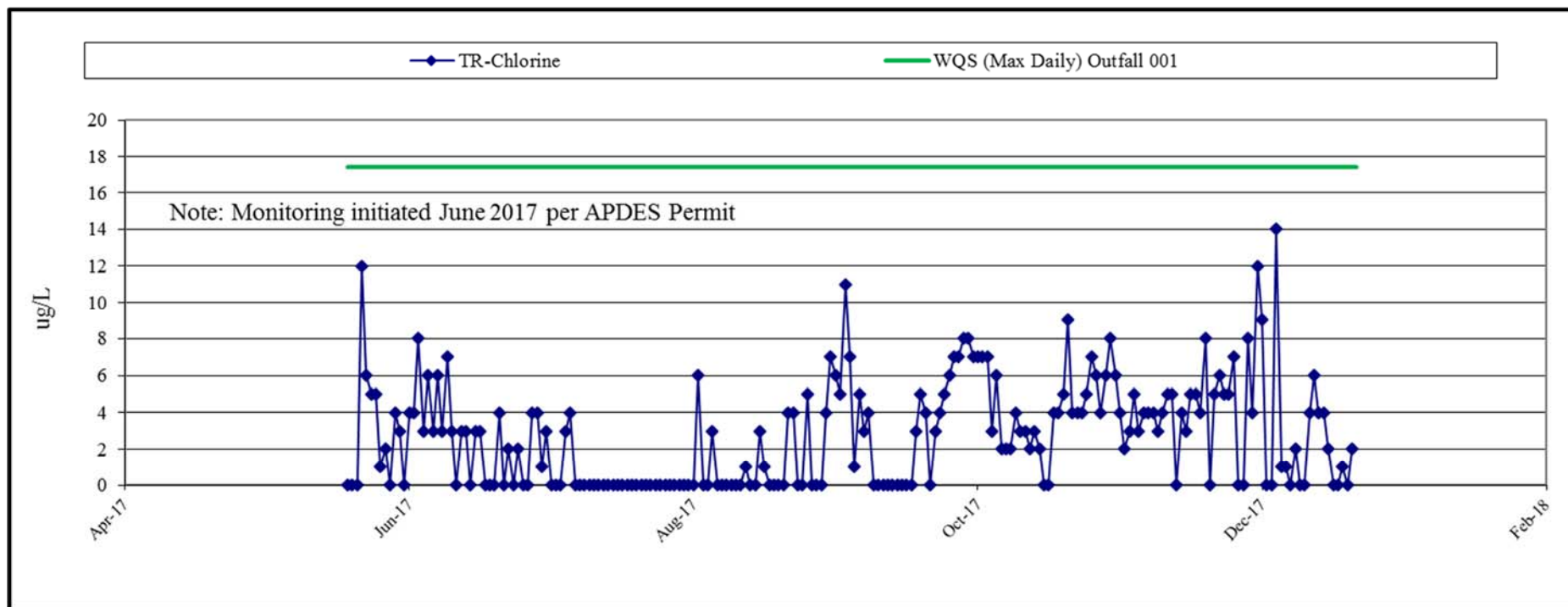


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

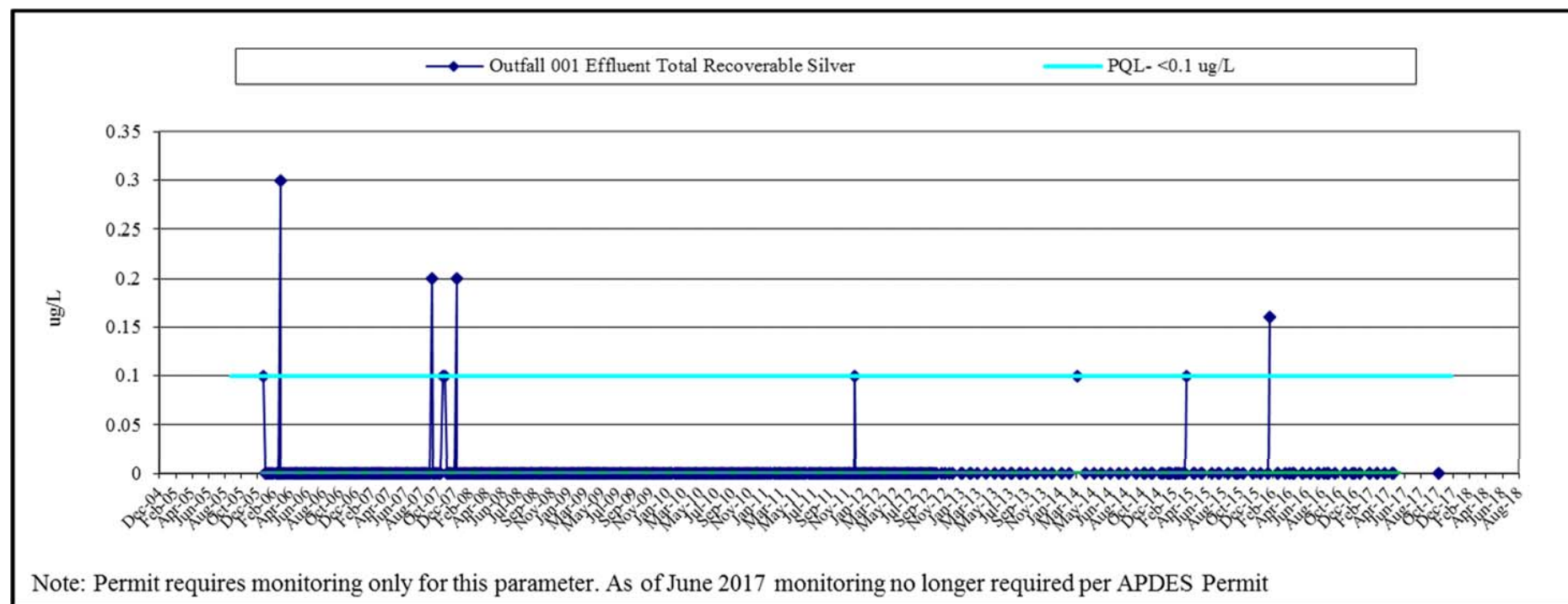


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trance Chemistry

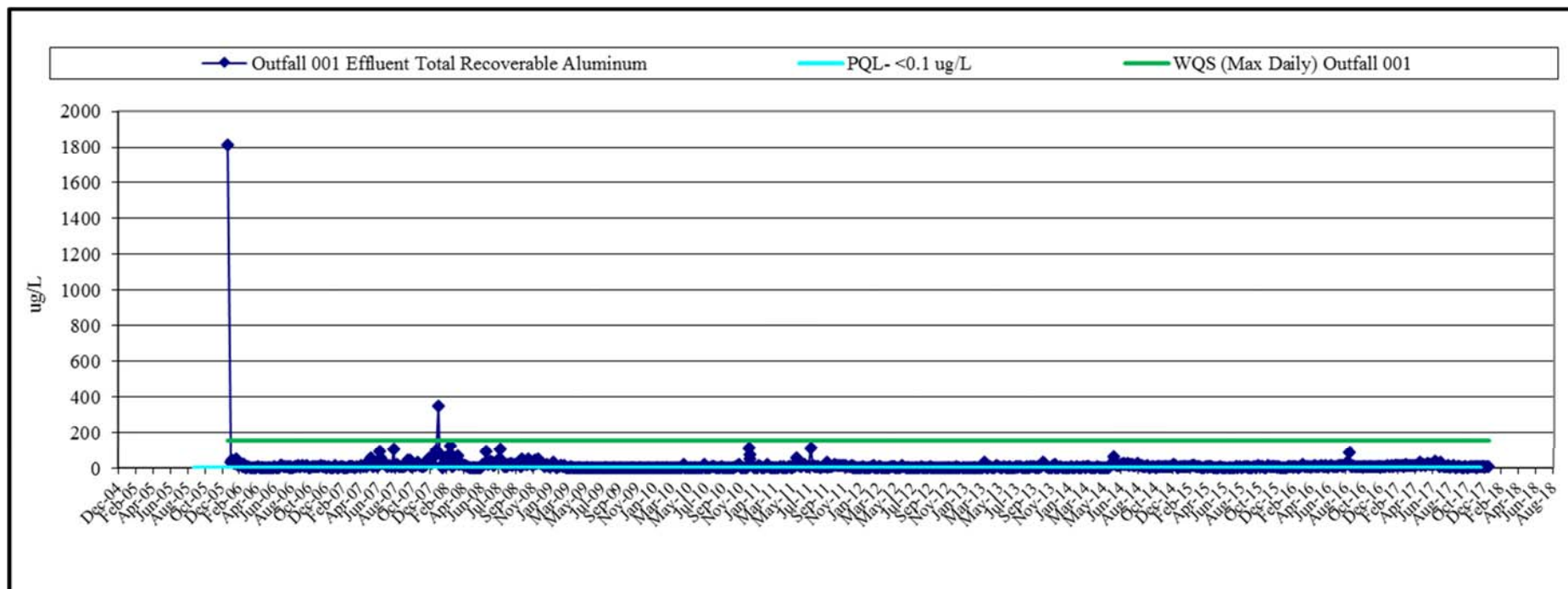


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

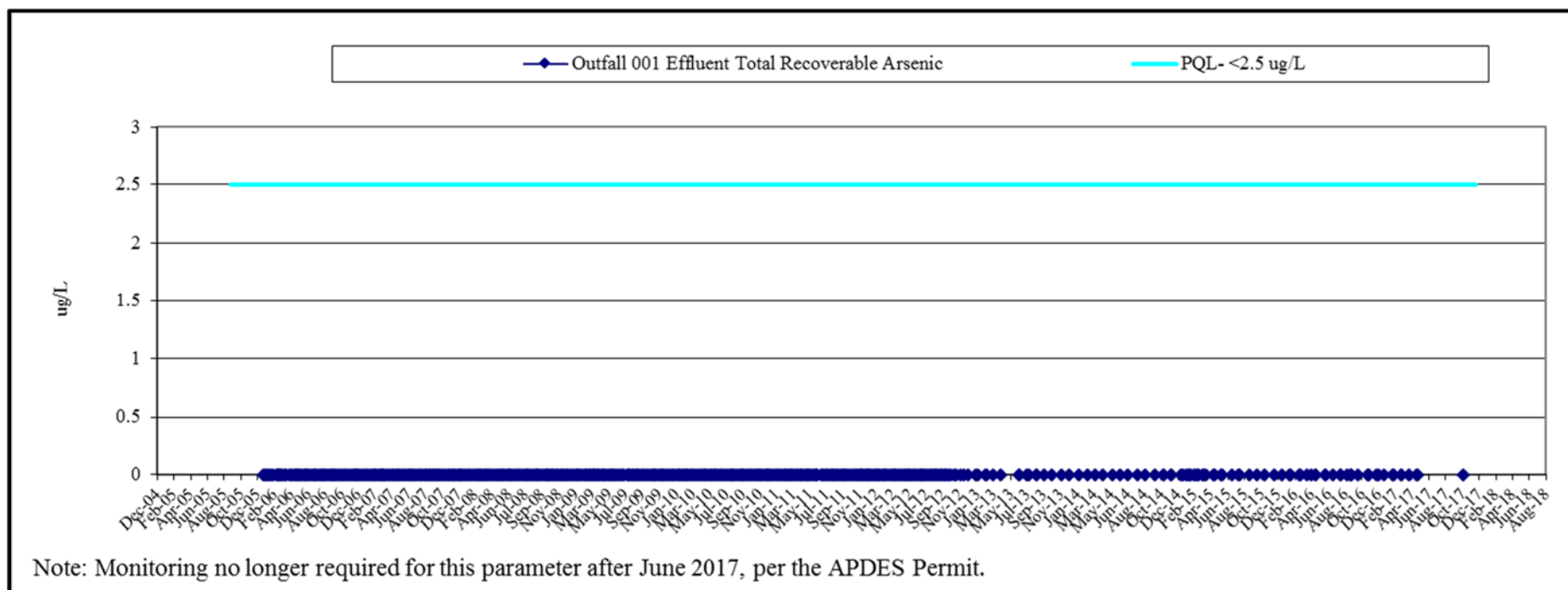


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

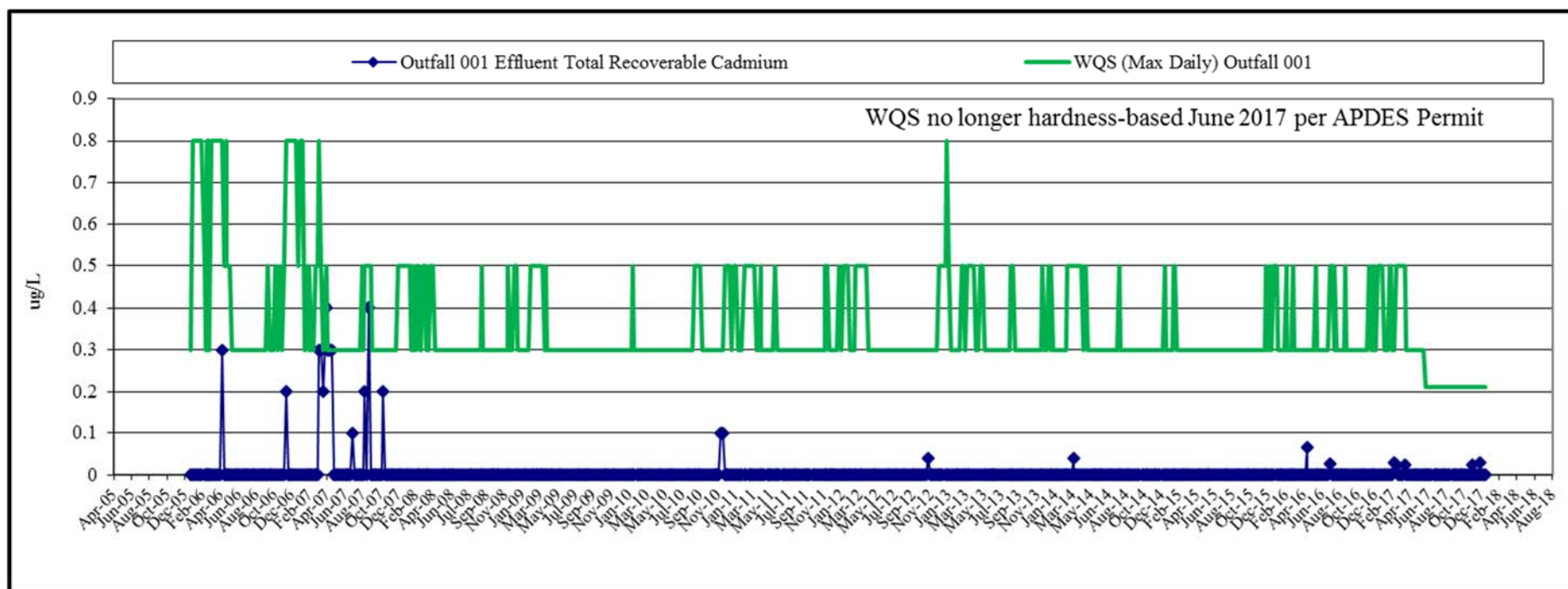


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

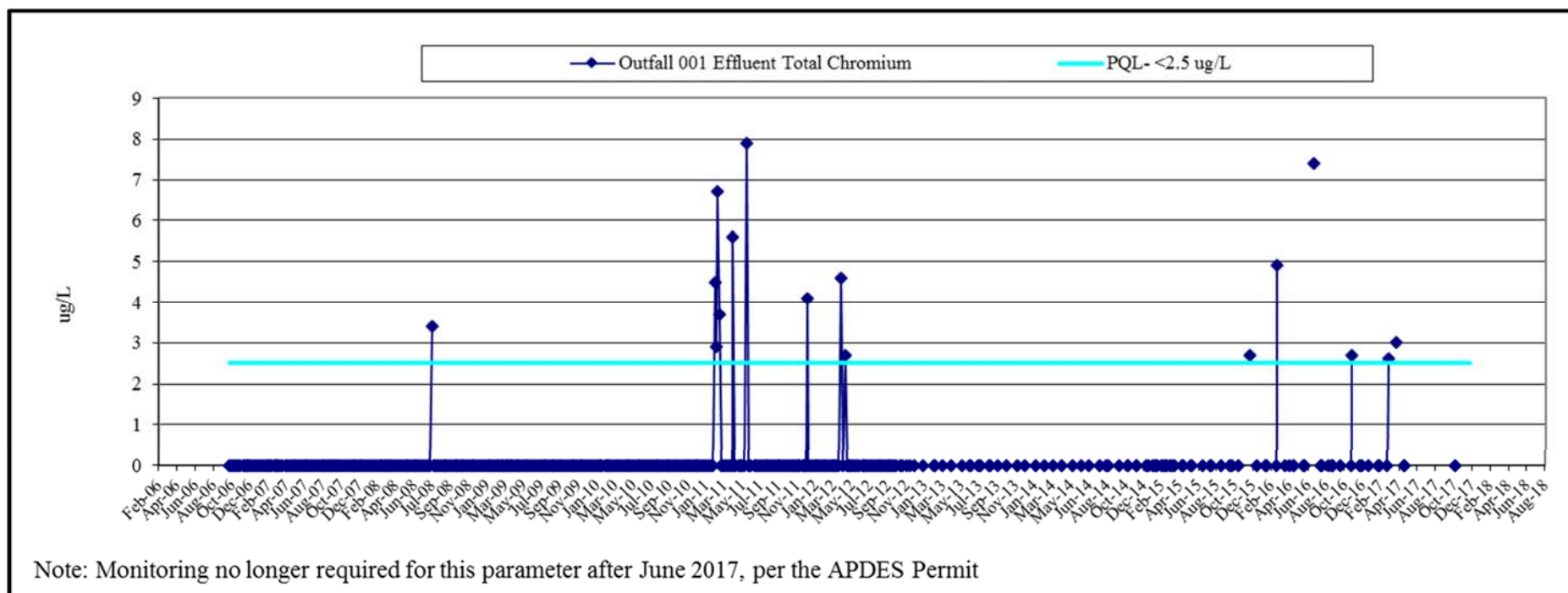


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

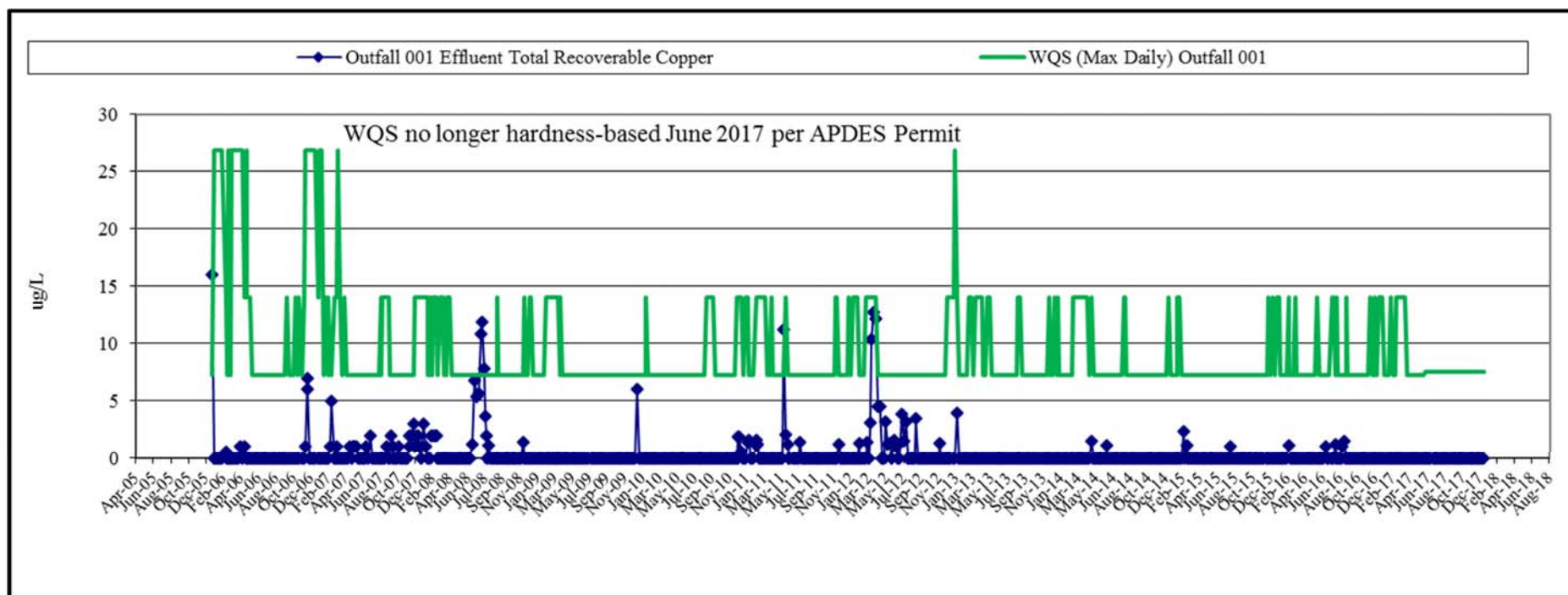


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

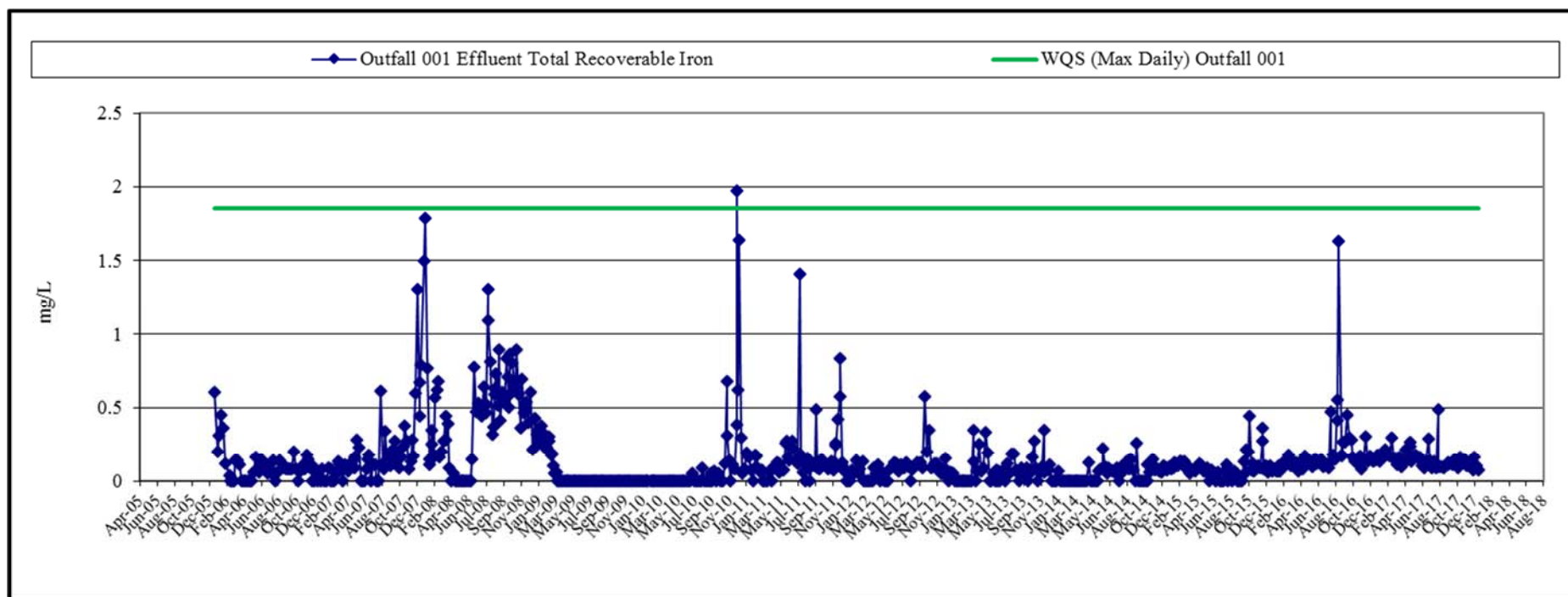


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

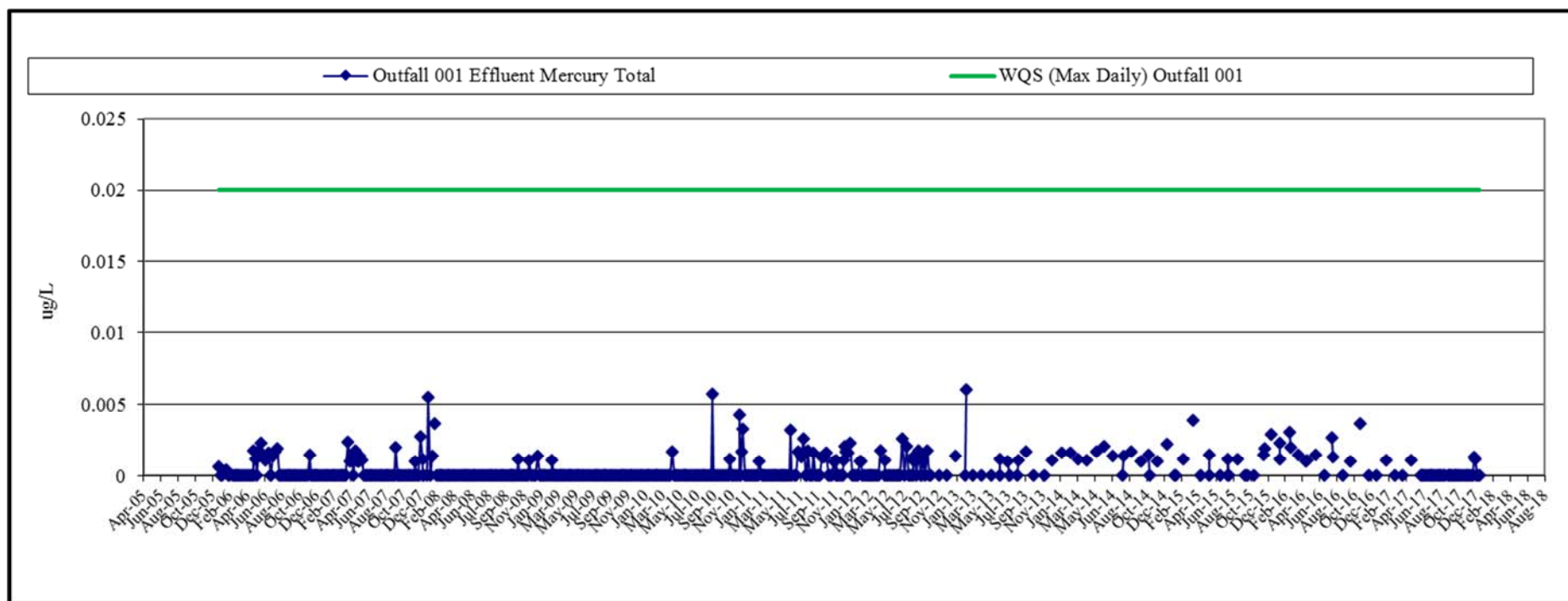


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

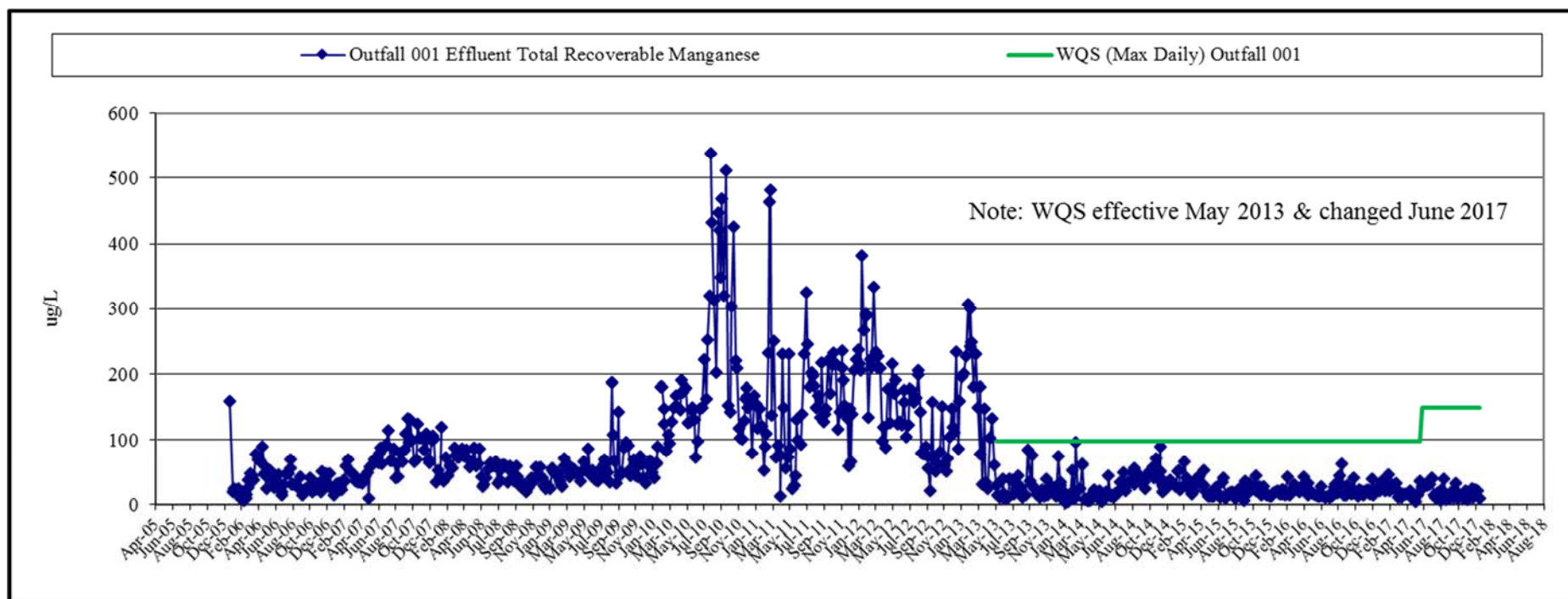


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

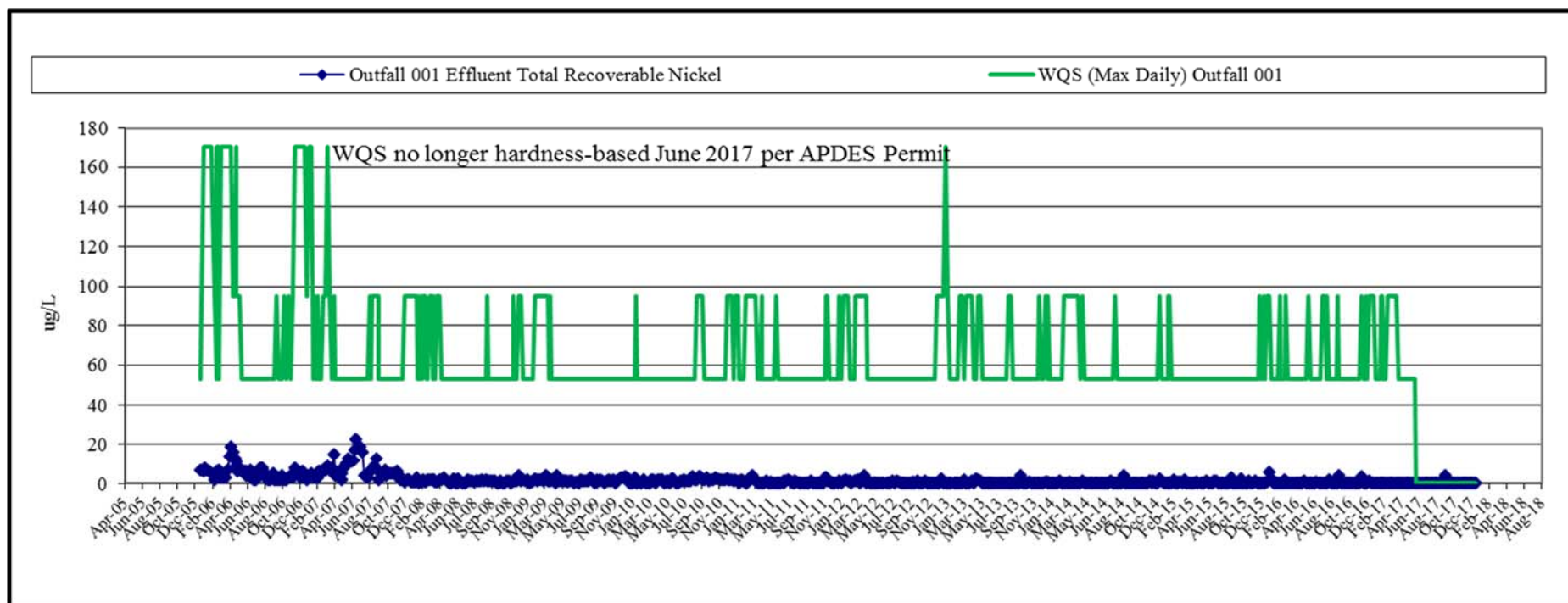


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

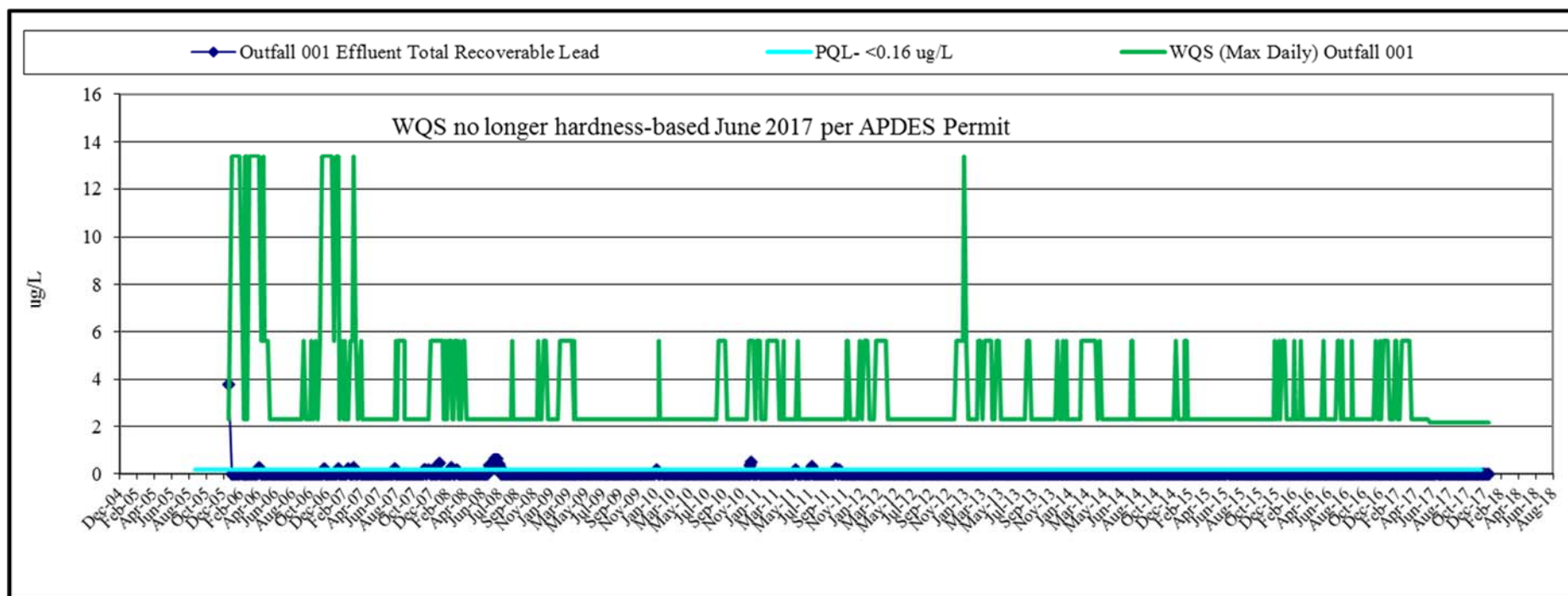


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

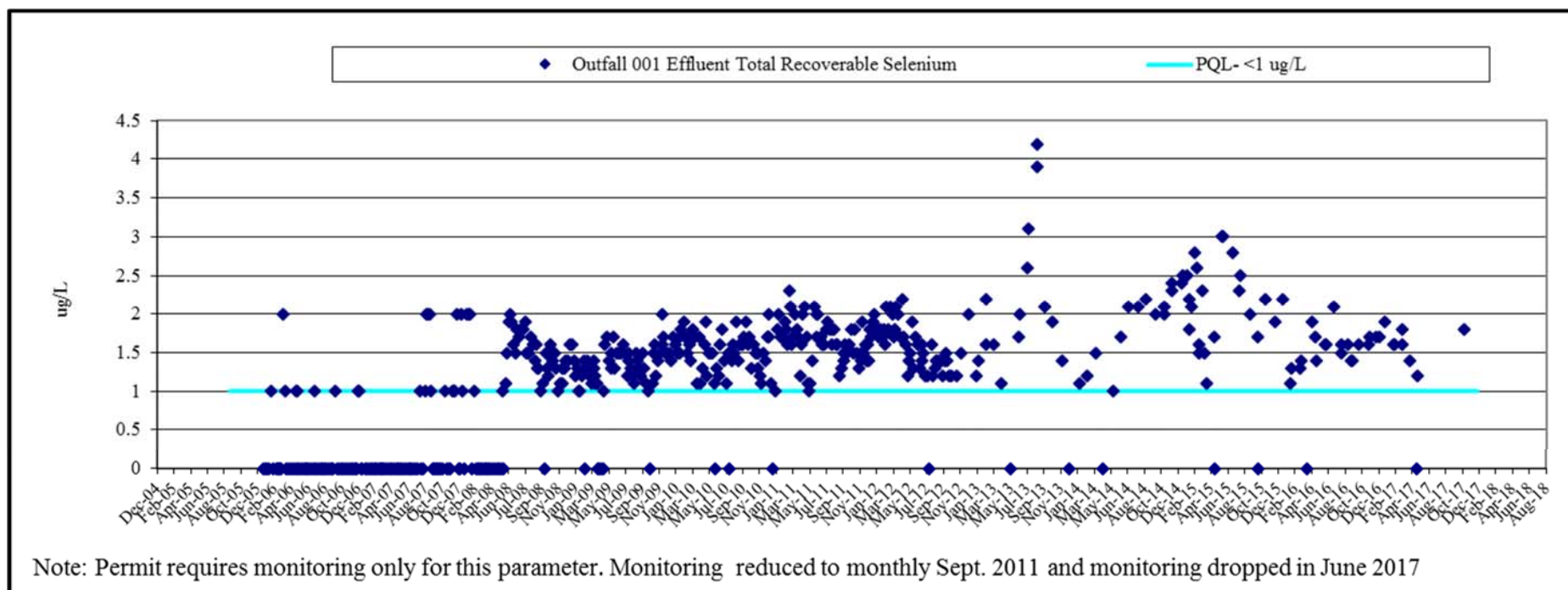


Figure 18c: Outfall 001 Effluent Monitoring Results 2006-2017, Trace Chemistry

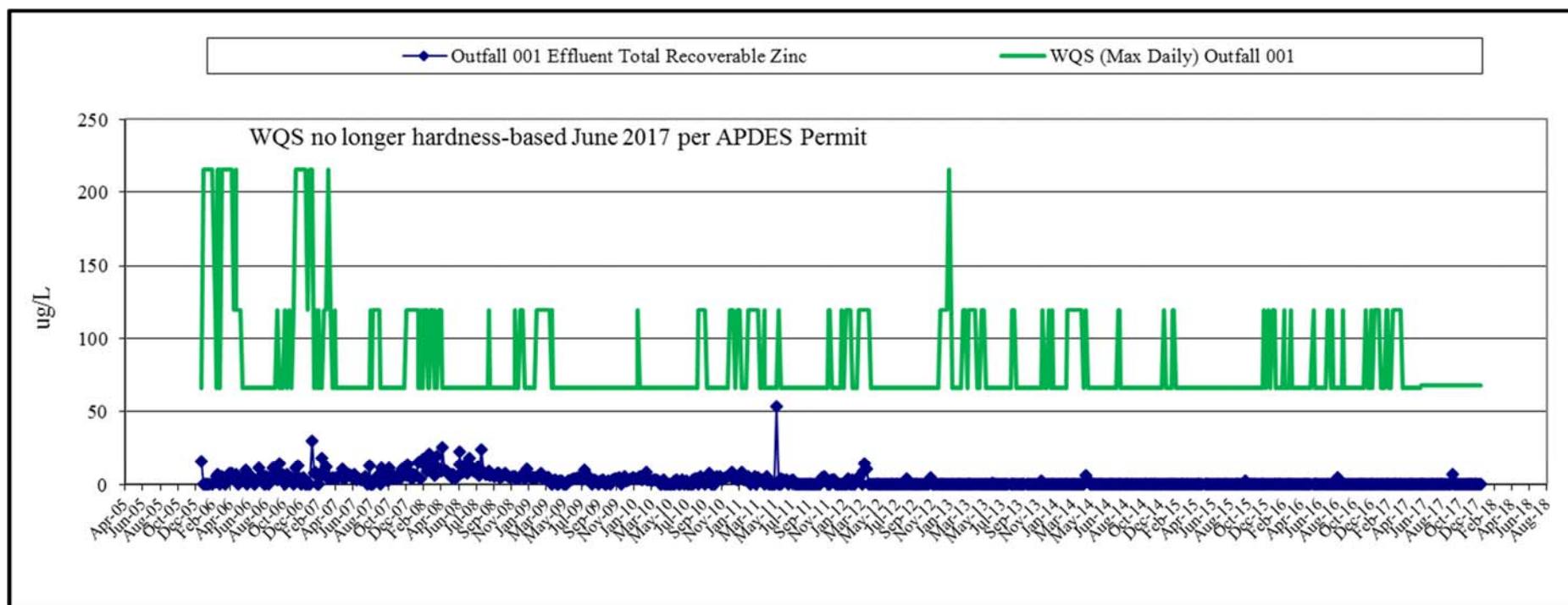


Figure 19a: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Field Parameters

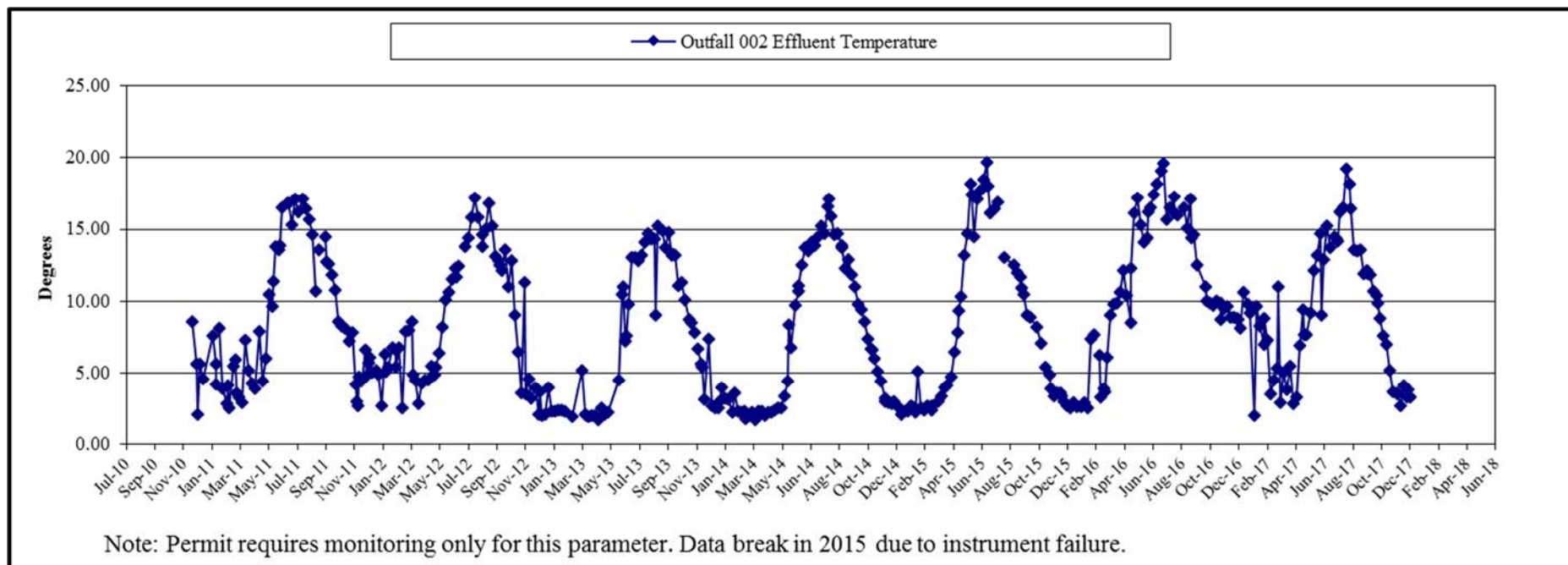


Figure 19a: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Field Parameters

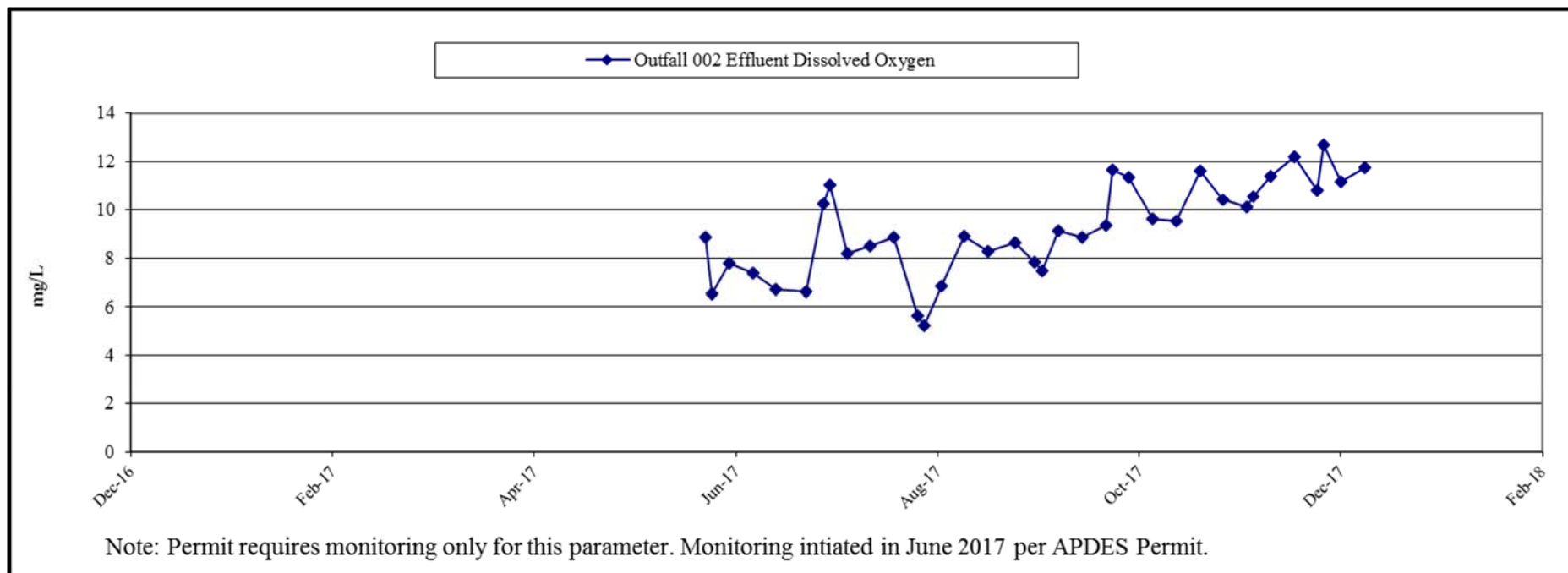


Figure 19a: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Field Parameters

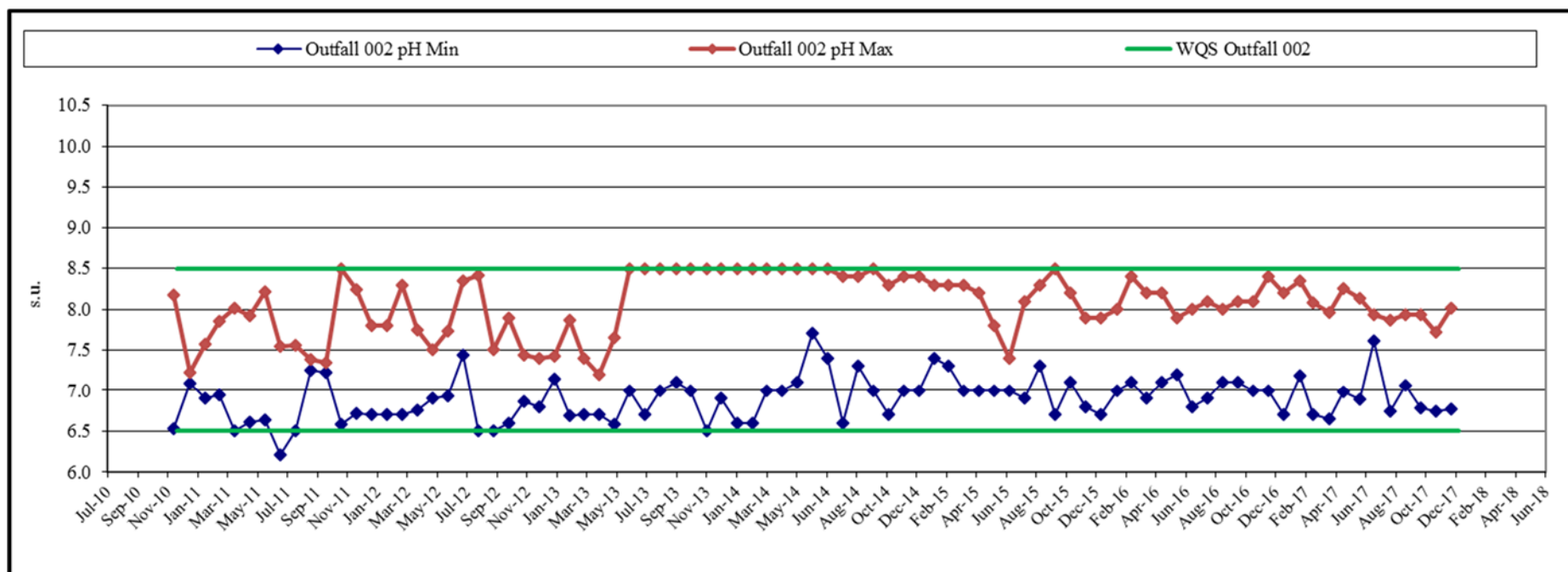


Figure 19a: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Field Parameters

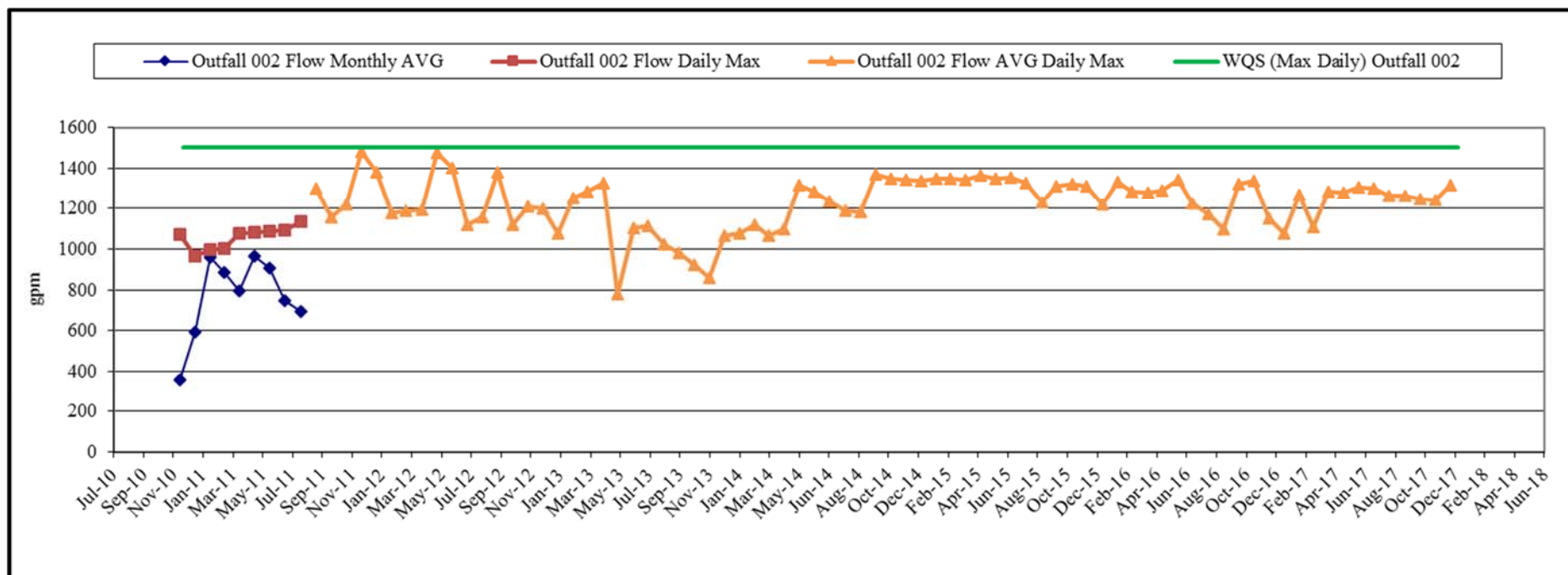


Figure 19b: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Major Chemistry

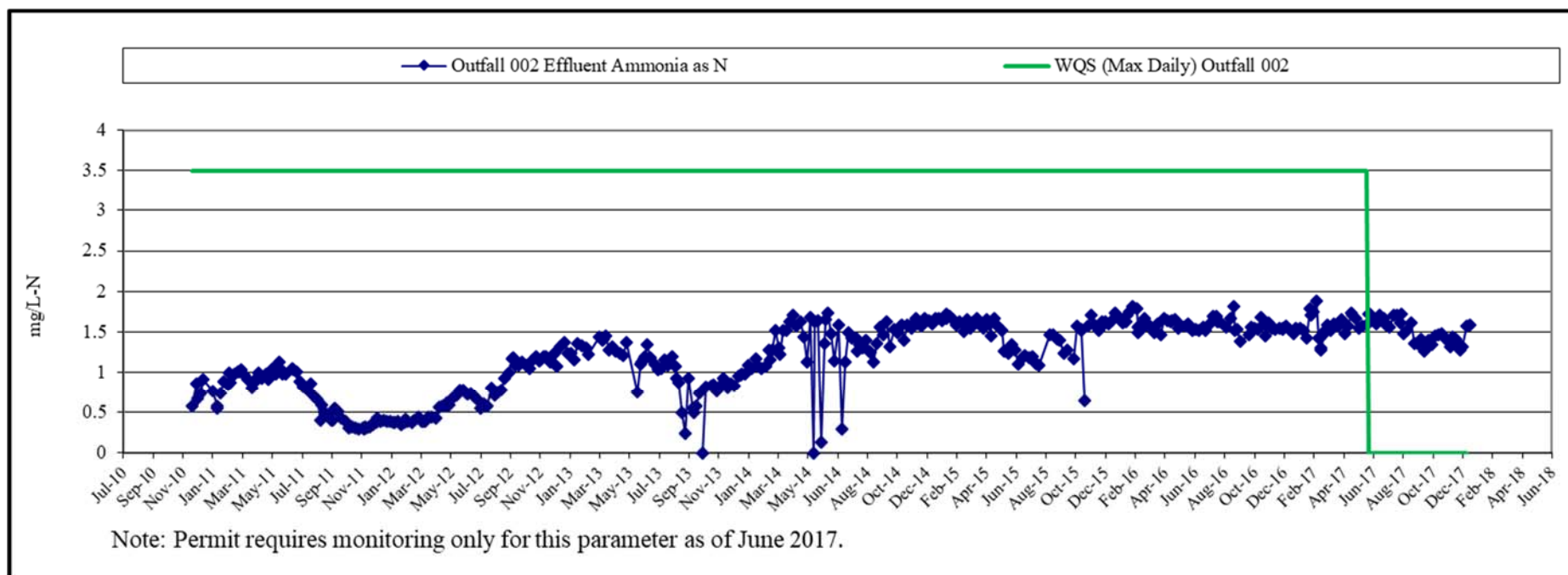


Figure 19b: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Major Chemistry

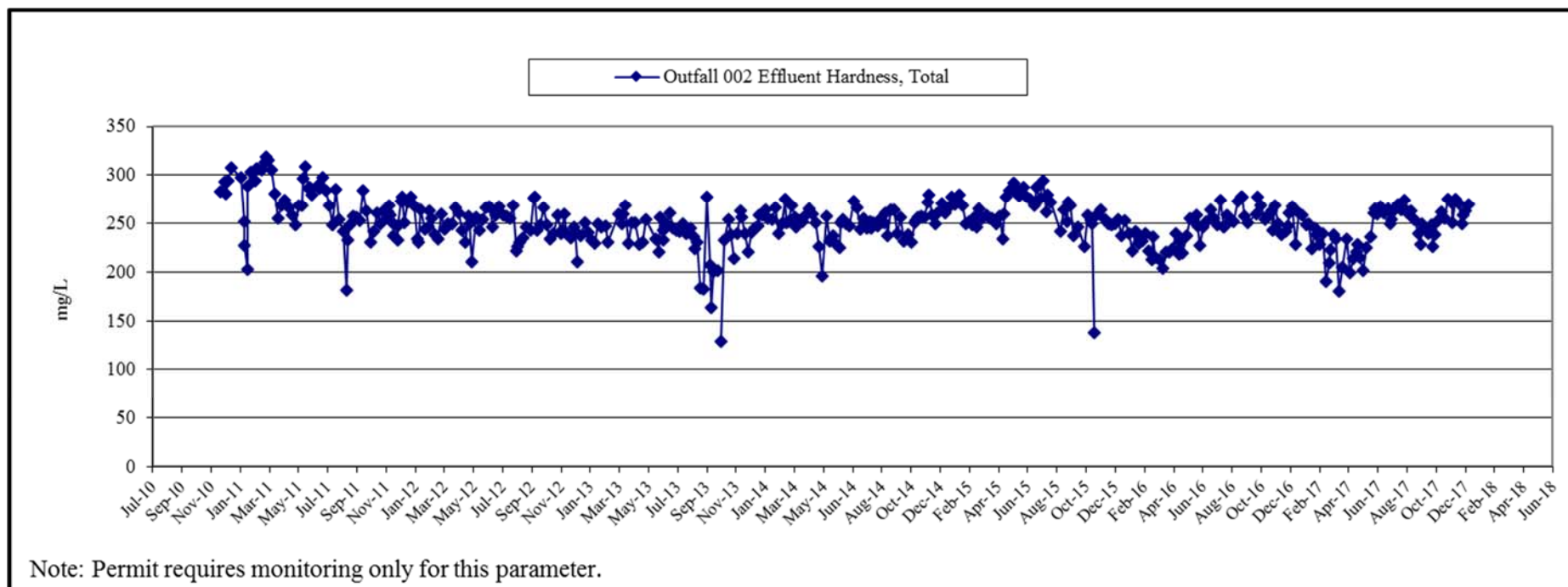


Figure 19b: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Major Chemistry

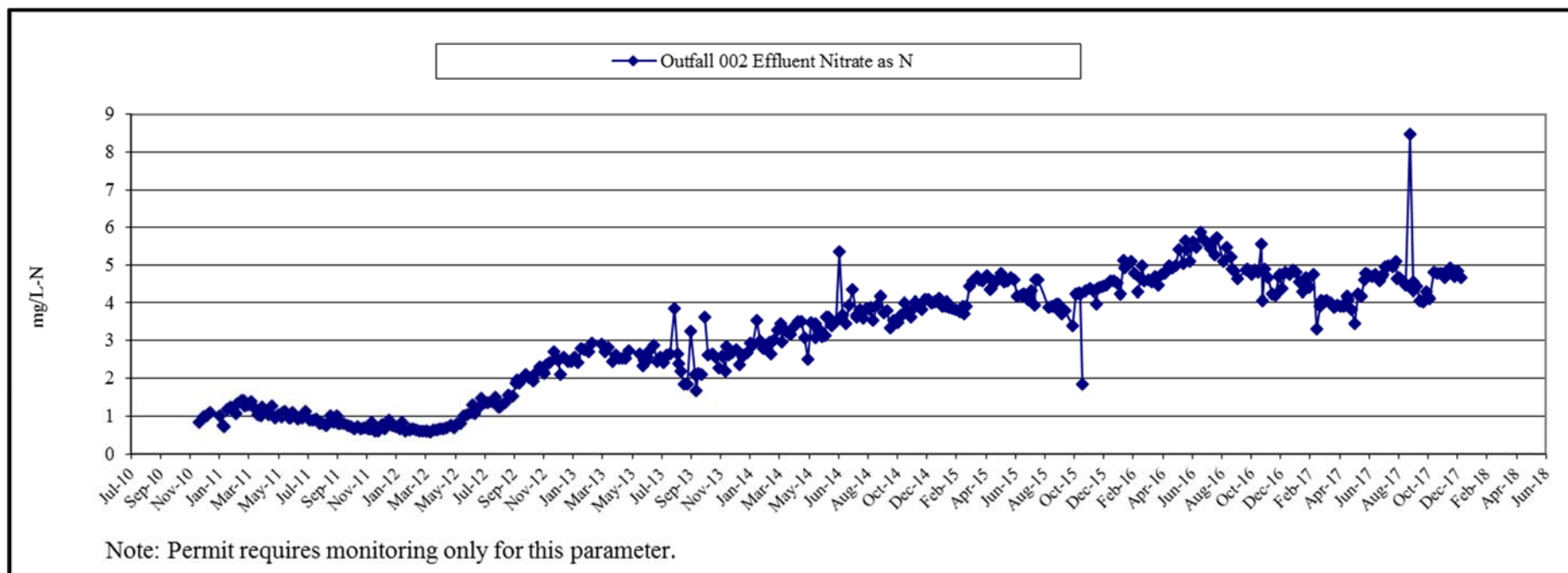


Figure 19b: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Major Chemistry

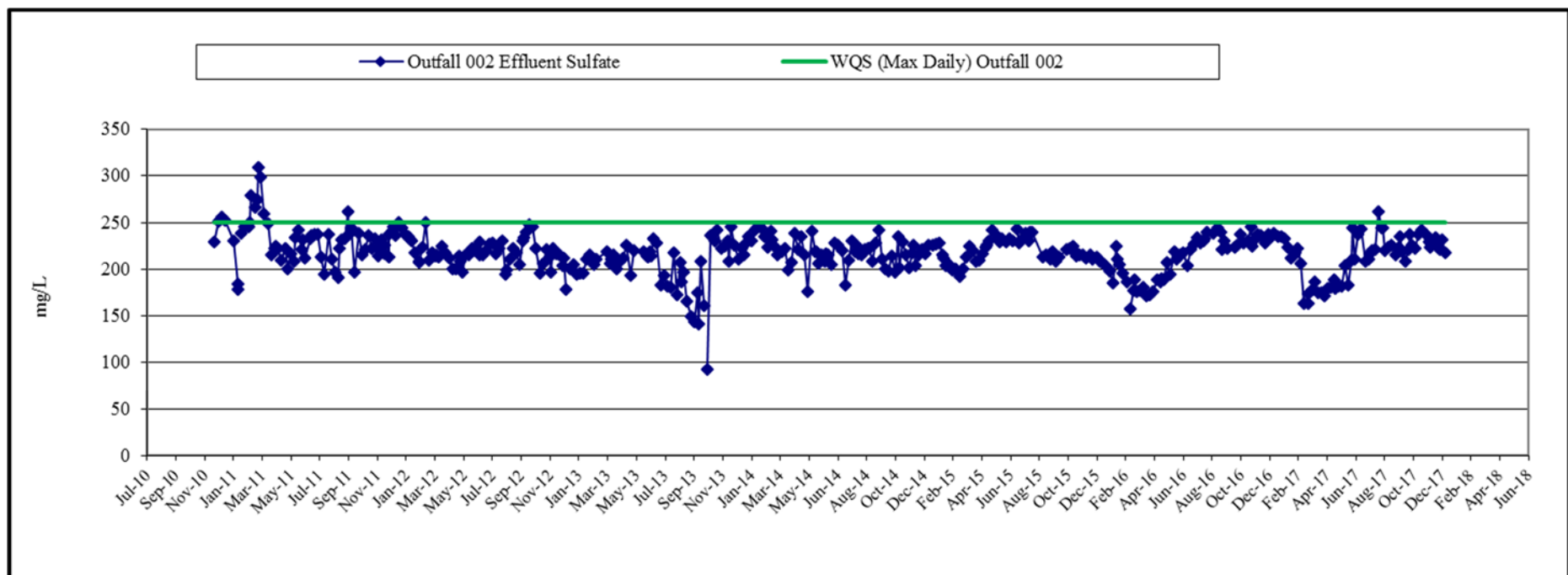


Figure 19b: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Major Chemistry

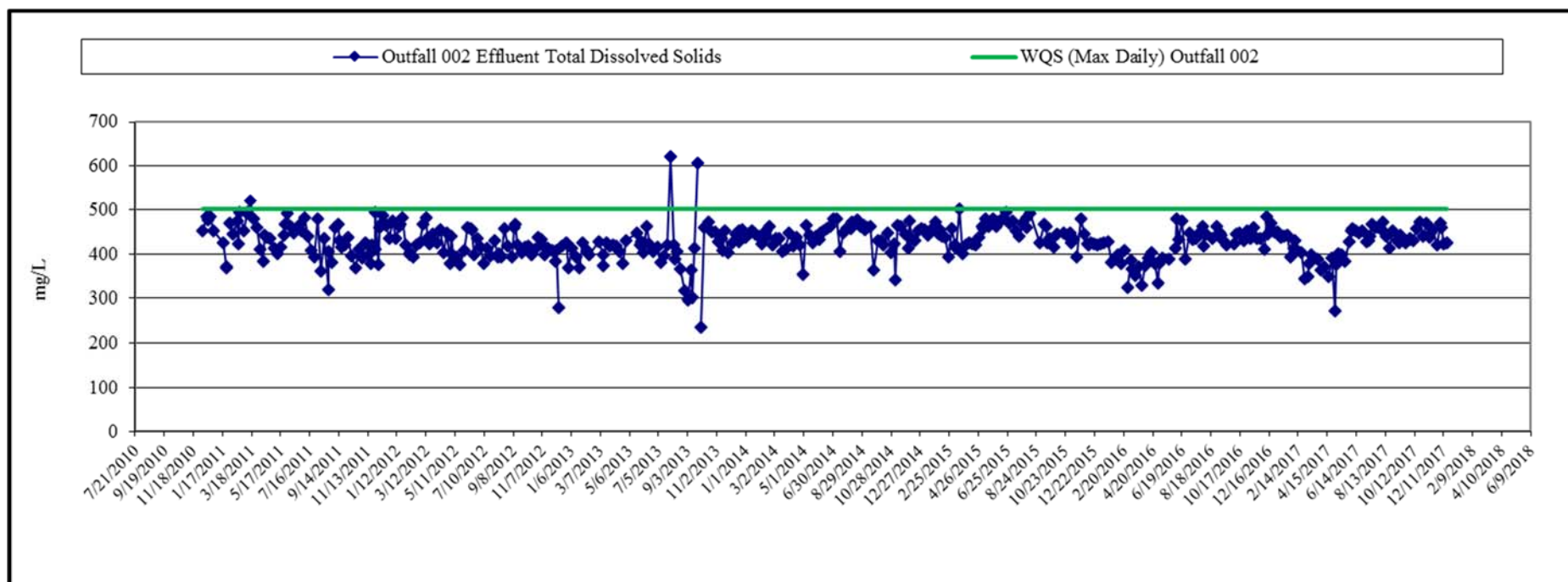


Figure 19b: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Major Chemistry

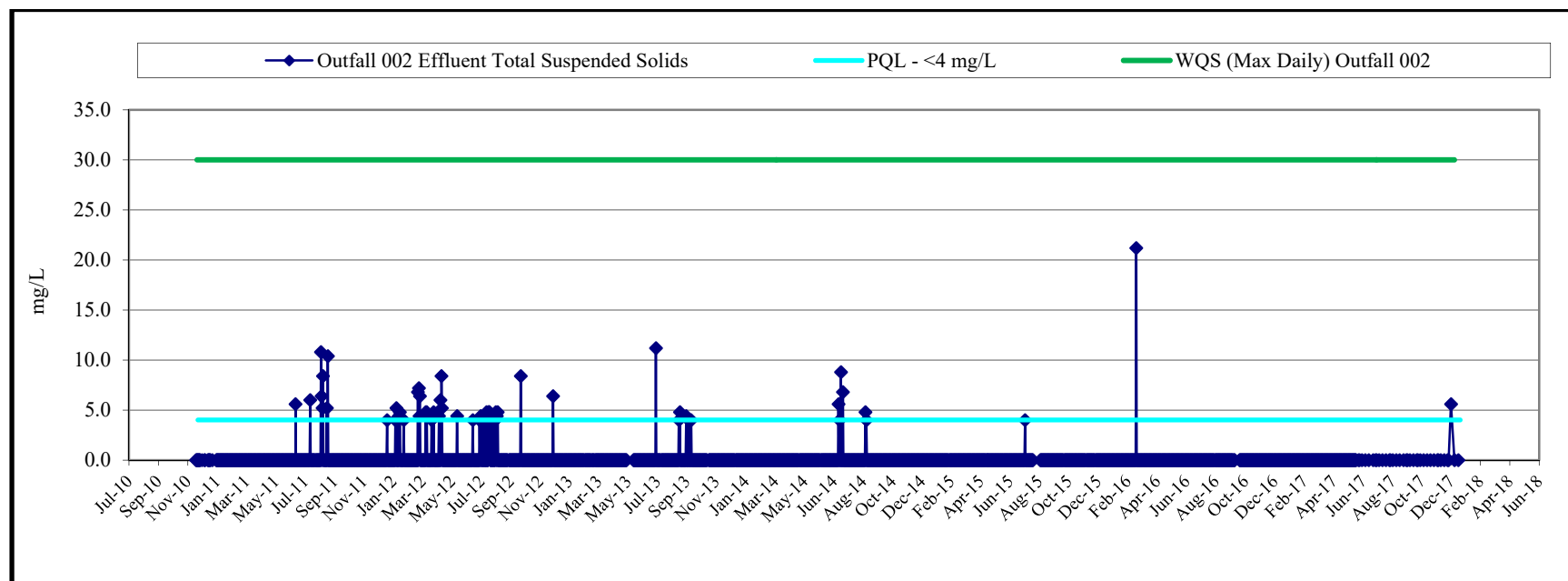


Figure 19b: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Major Chemistry

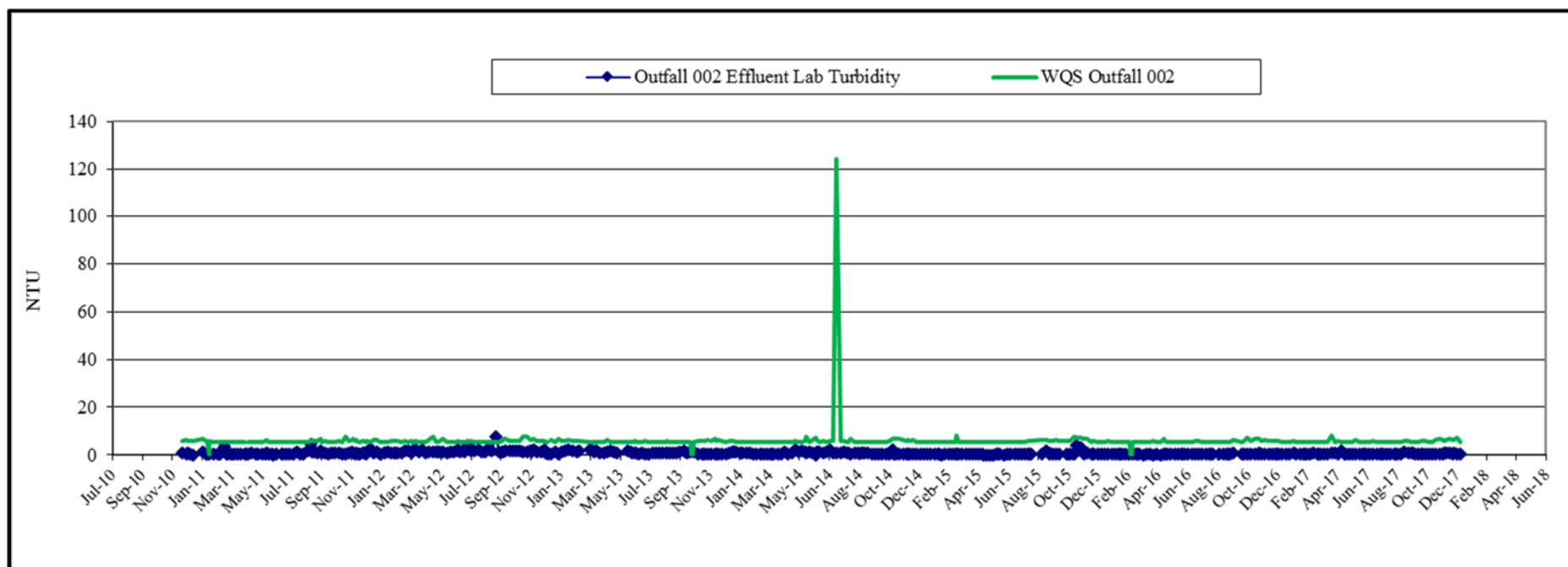


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

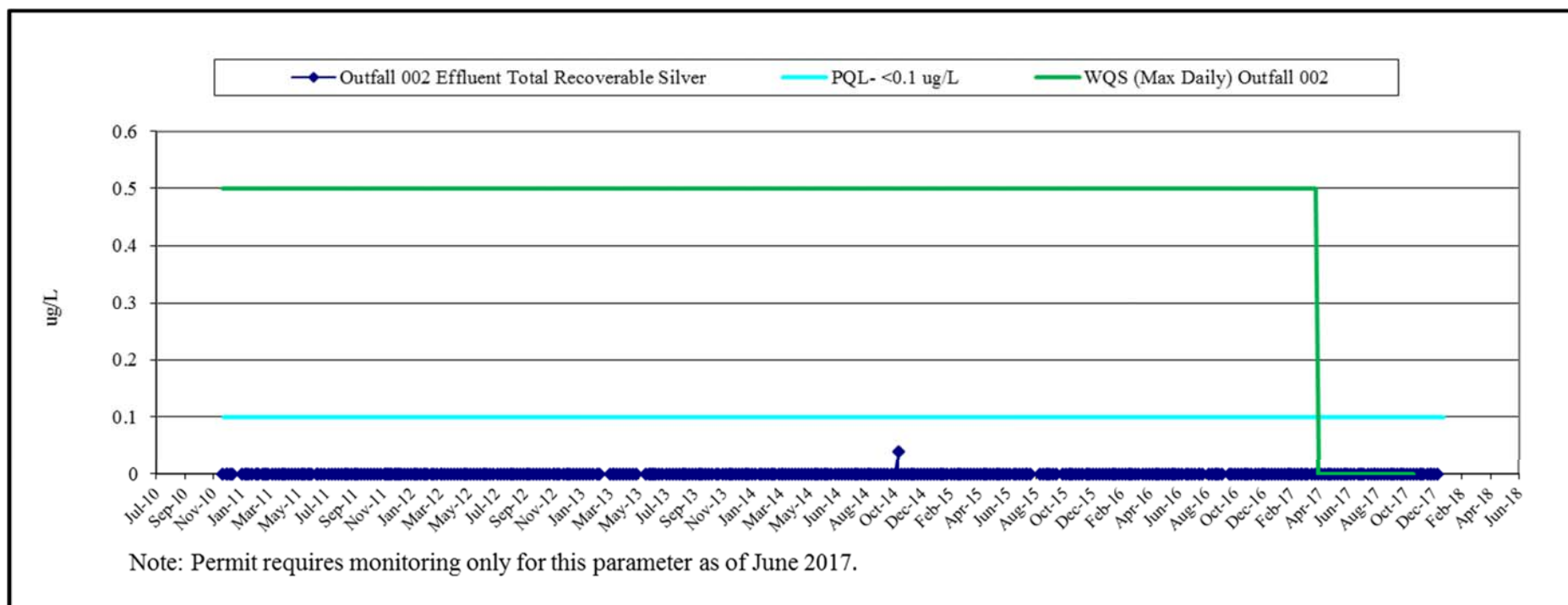


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

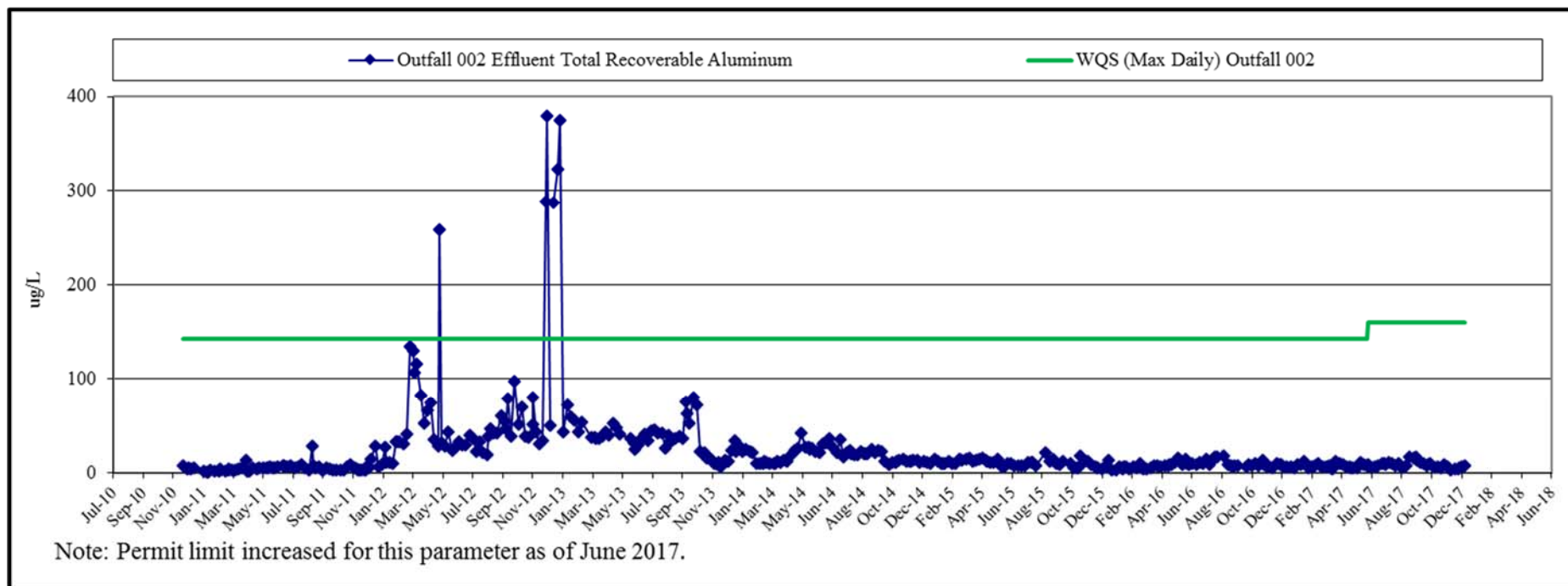


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

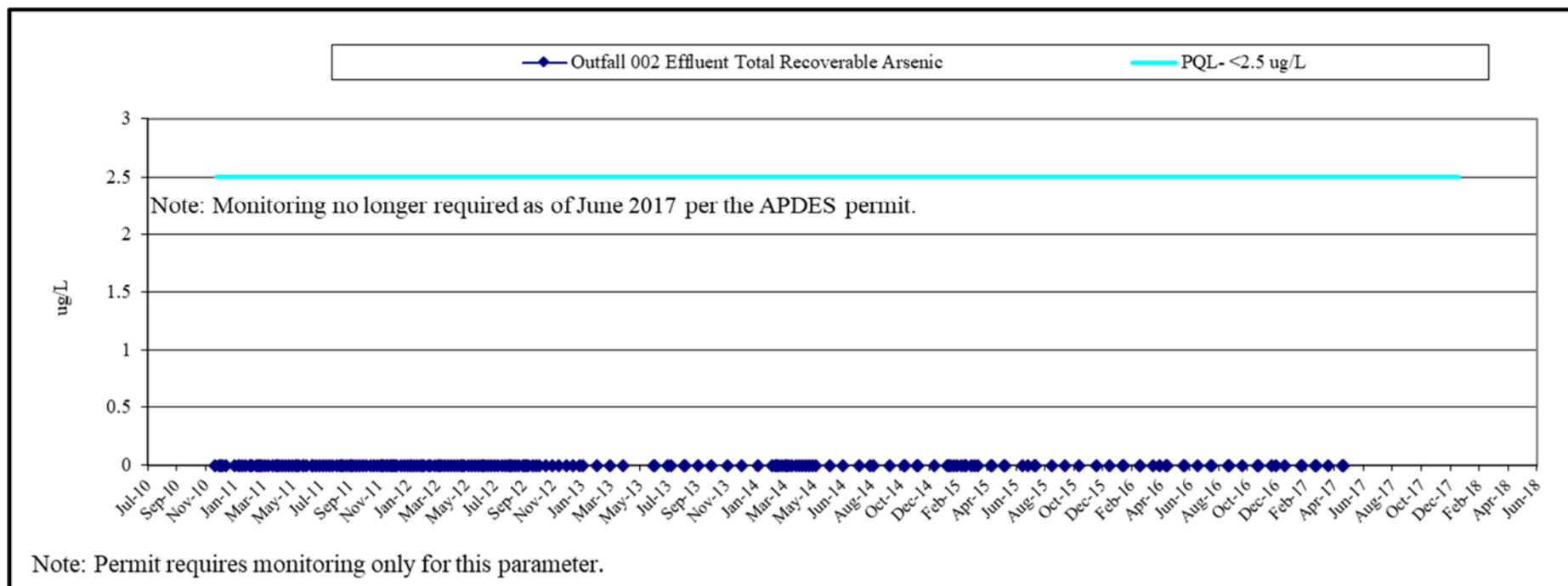


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

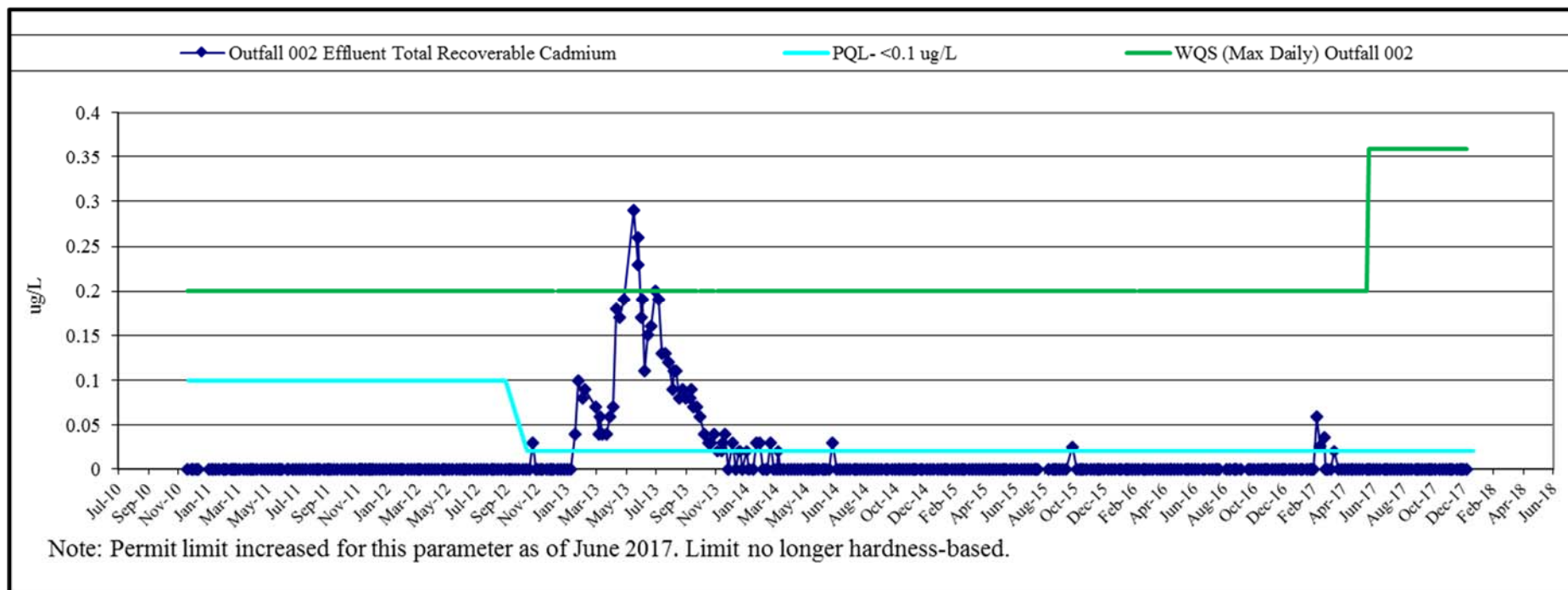


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

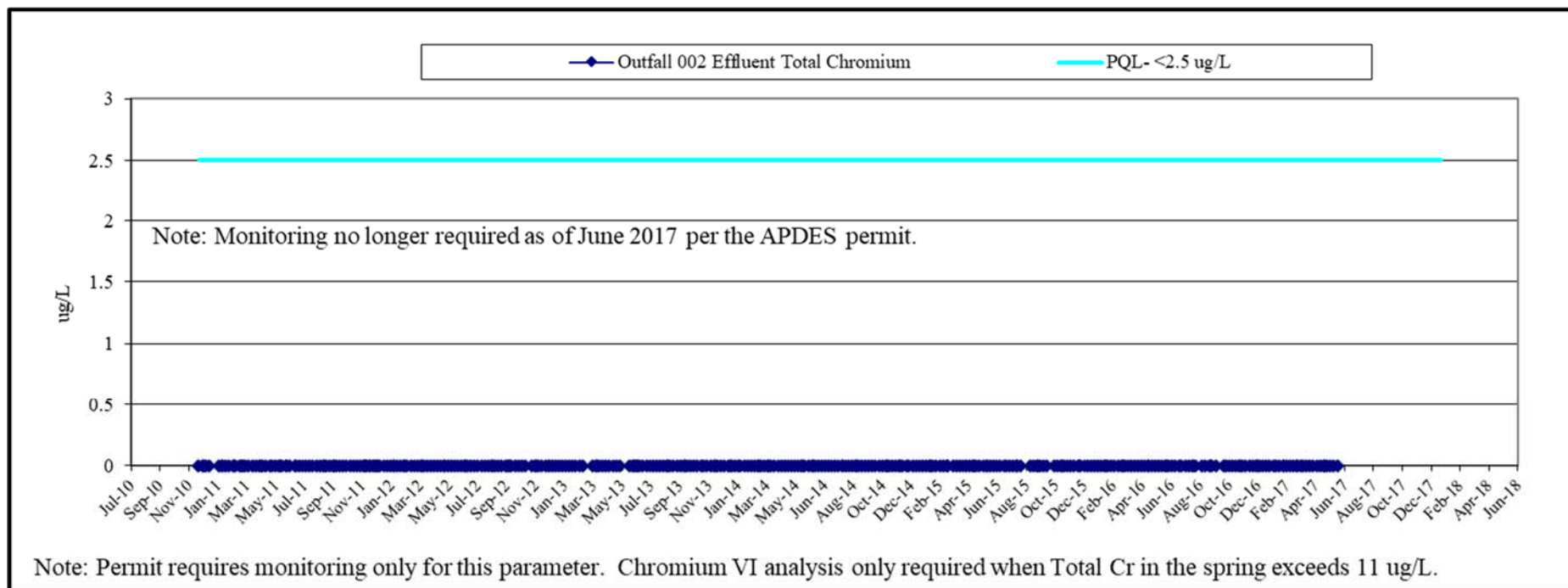


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

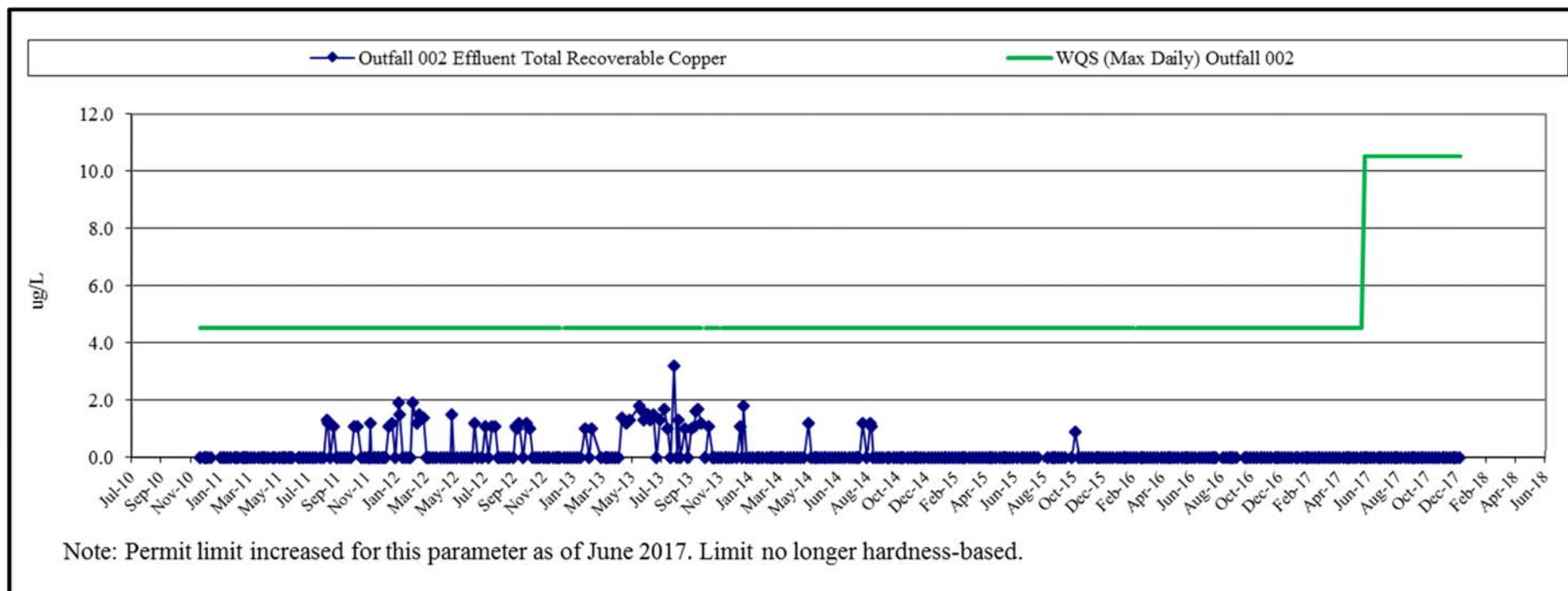


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

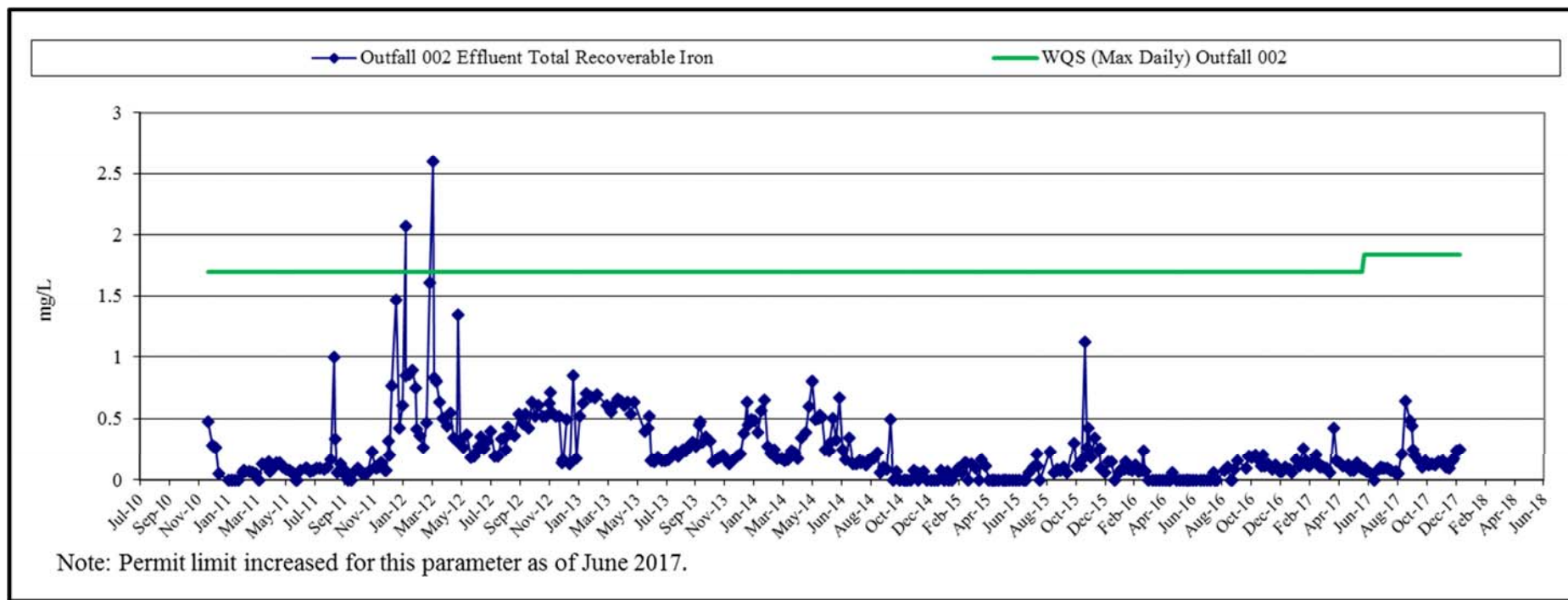


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

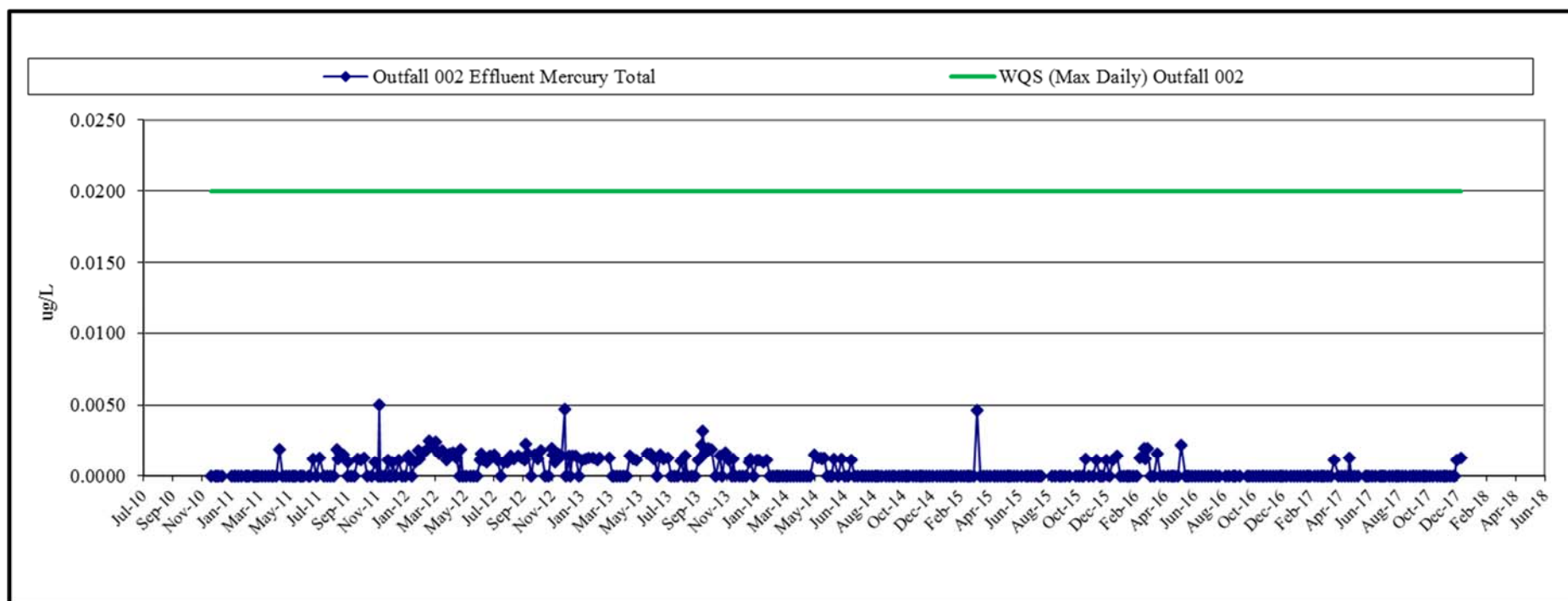


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

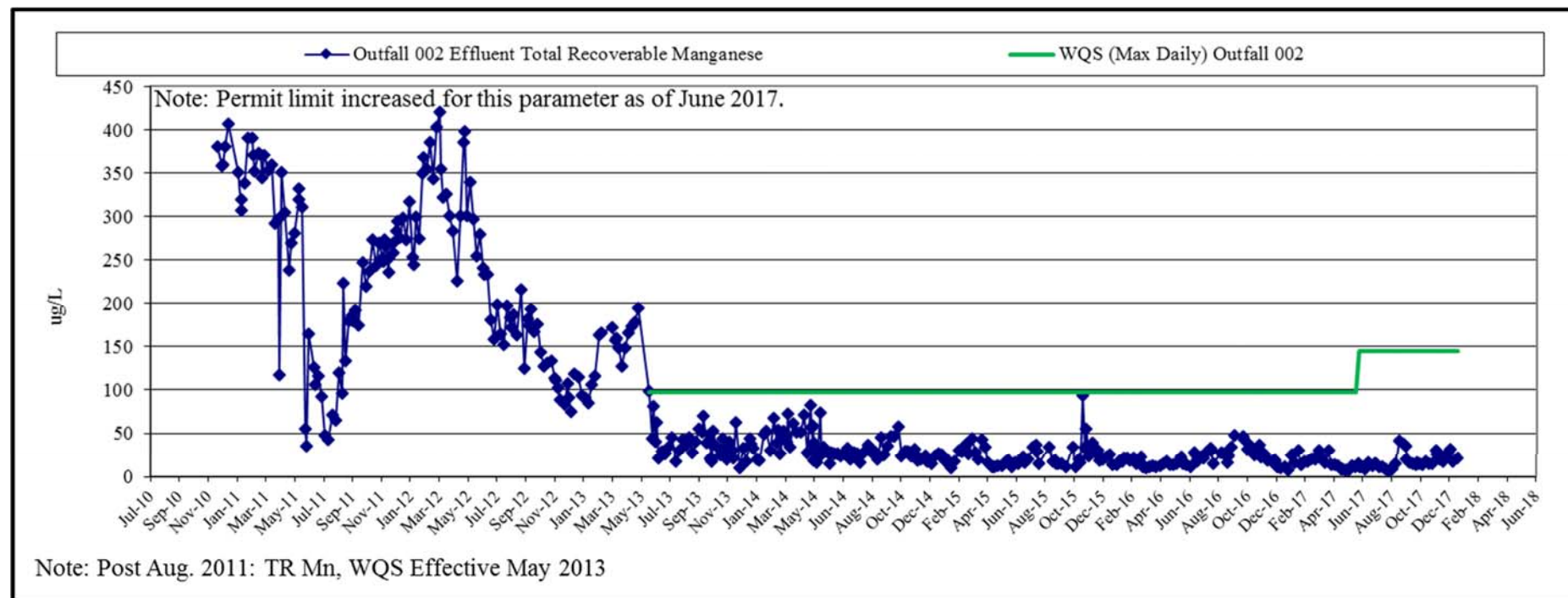


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

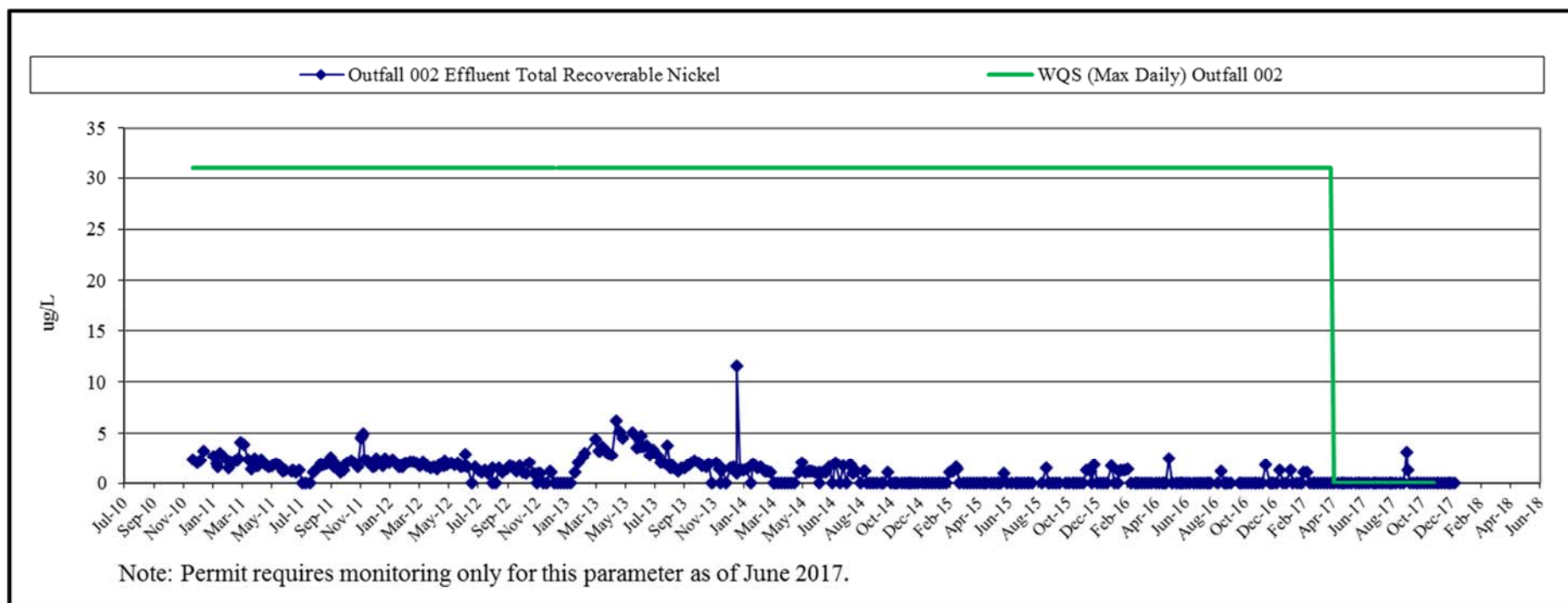


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

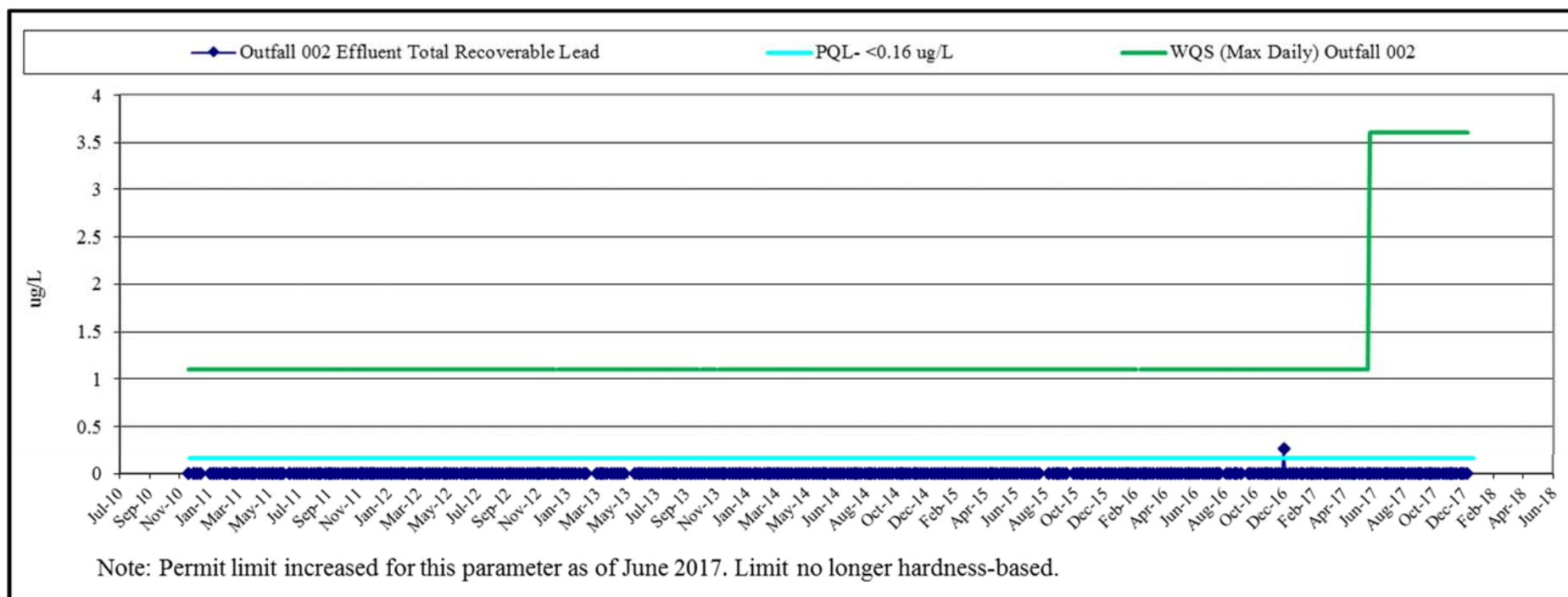


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry

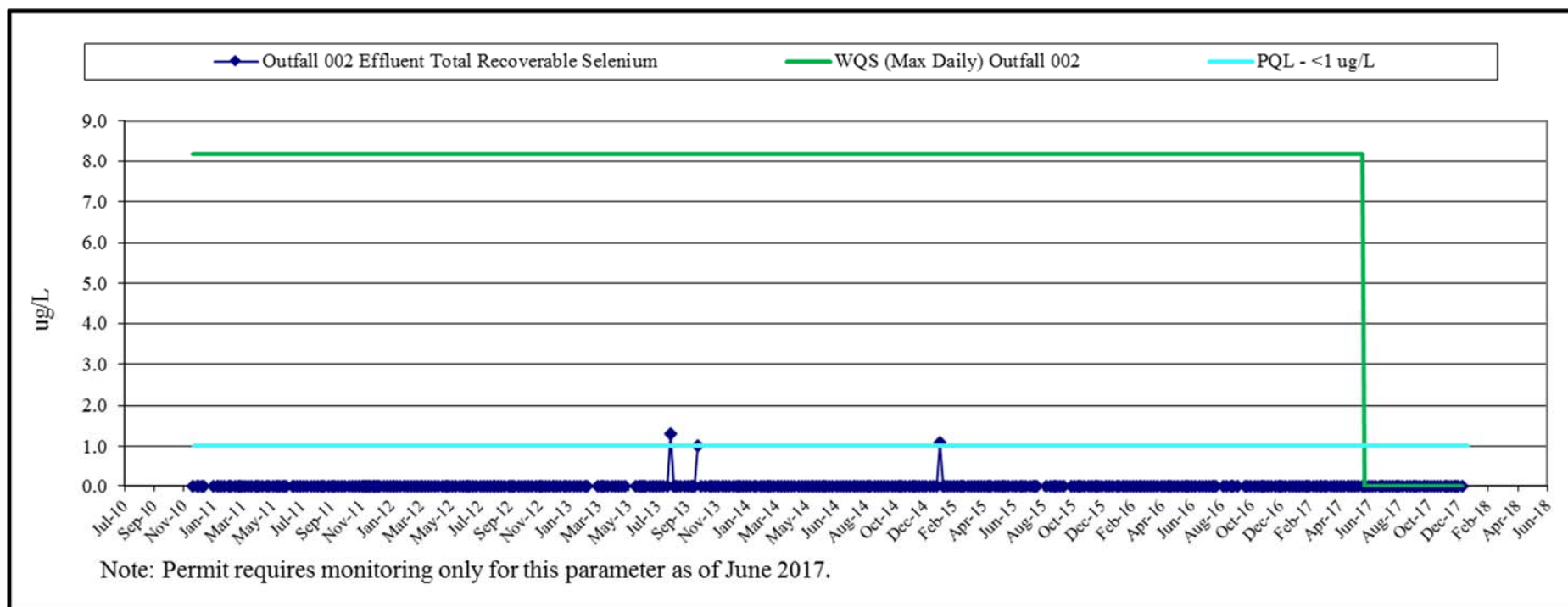
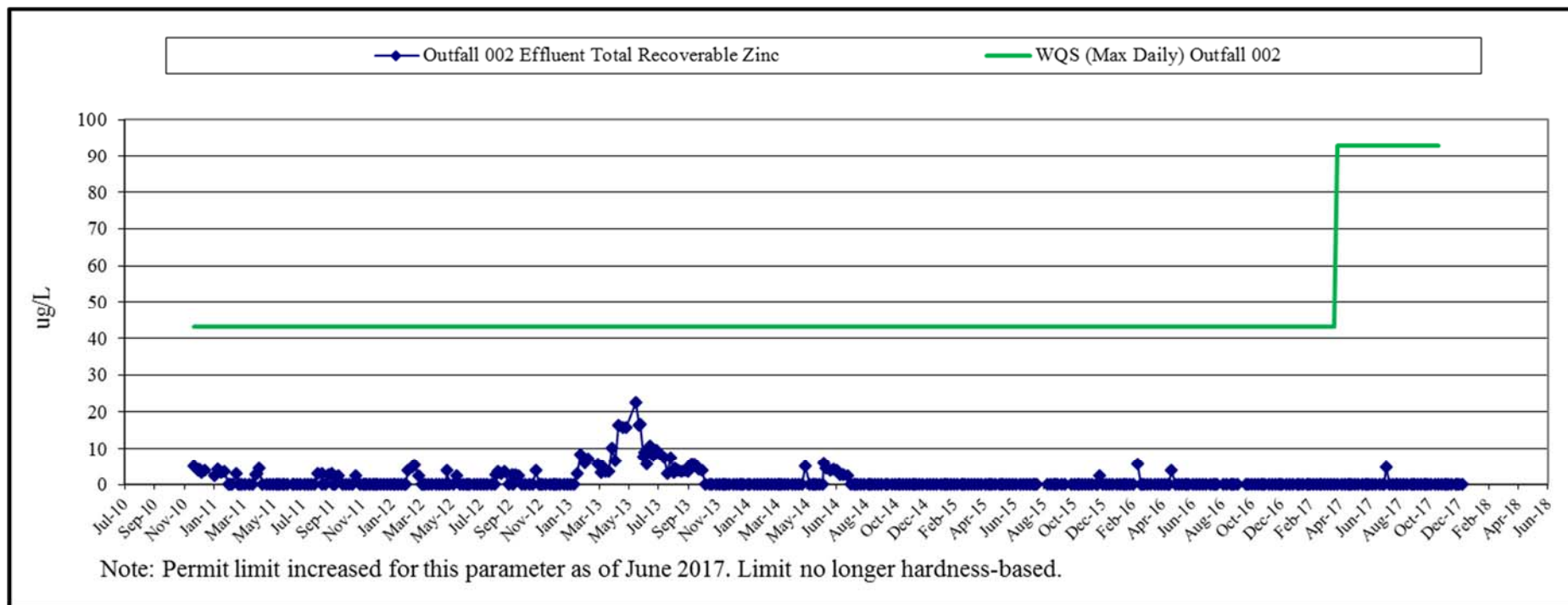


Figure 19c: Outfall 002 Effluent Monitoring Results Dec. 2010-2017, Trace Chemistry



Appendix A

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Jan-17-2017	Jan-17-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.41	1.39	1.4	0.02	1.4	
Nitrate as N	mg/L	6.73	6.72	6.725	0.01	0.1	
Sulfate as S		86.3	90.7	88.5	4.4	5.0	
Total Dissolved Solids	mg/L	340	350	345	10	2.9	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.65	0.7	0.675	0.05	7.4	
Total Recoverable Aluminum	ug/L	13.2	11.2	12.2	2	16.4	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.14	0.133	0.1365	0.007	5.1	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	34.2	36.2	35.2	2	5.7	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Feb-13-2017	Feb-13-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.23	1.26	1.245	0.03	2.4	
Nitrate as N	mg/L	7.56	7.76	7.66	0.2	2.6	
Sulfate as S	mg/L	91.9	95	93.45	3.1	3.3	
Total Dissolved Solids	mg/L	396	403	399.5	7	1.8	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	1.46	1.61	1.535	0.15	9.8	
Total Recoverable Aluminum	ug/L	16.5	14.6	15.55	1.9	12.2	
Total Recoverable Cadmium	ug/L	0.036	0.020	0.028	0.016	57.1	Yes
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.191	0.184	0.1875	0.007	3.7	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	21.4	21	21.2	0.4	1.9	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Mar-27-2017	Mar-27-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.38	1.37	1.375	0.01	0.7	
Nitrate as N	mg/L	8.37	8.39	8.38	0.02	0.2	
Sulfate as S	mg/L	89.1	94.6	91.85	5.5	6.0	
Total Dissolved Solids	mg/L	370	383	376.5	13	3.5	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	1.21	0.81	1.01	0.4	39.6	Yes
Total Recoverable Aluminum	ug/L	16.6	16	16.3	0.6	3.7	
Total Recoverable Cadmium	ug/L	0.022	0.024	0.023	0.002	8.7	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.157	0.16	0.1585	0.003	1.9	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	11.4	11.3	11.35	0.1	0.9	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Apr-10-2017	Apr-10-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	1.32	1.32	1.32	0	0.0	
Nitrate as N	mg/L	4.87	4.89	4.88	0.02	0.4	
Sulfate as S	mg/L	75.7	77.5	76.6	1.8	2.3	
Total Dissolved Solids	mg/L	326	326	326	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.7	0.75	0.725	0.05	6.9	
Total Recoverable Aluminum	ug/L	14	13.9	13.95	0.1	0.7	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.112	0.117	0.1145	0.005	4.4	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	16.4	16.5	16.45	0.1	0.6	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	May-08-2017	May-08-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	1.75	1.7	1.725	0.05	2.9	
Nitrate as N	mg/L	4.4	4.41	4.405	0.01	0.2	
Sulfate as S	mg/L	44.2	47.2	45.7	3	6.6	
Total Dissolved Solids	mg/L	277	267	272	10	3.7	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.52	0.51	0.515	0.01	1.9	
Total Recoverable Aluminum	ug/L	13.2	12.6	12.9	0.6	4.7	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.128	0.133	0.1305	0.005	3.8	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	8	7.9	7.95	0.1	1.3	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Jun-26-2017	Jun-26-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	2.54	2.52	2.53	0.02	0.8	
Nitrate as N	mg/L	5.16	5.18	5.17	0.02	0.4	
Sulfate as S	mg/L	42.4	42.6	42.5	0.2	0.5	
Total Dissolved Solids	mg/L	246	250	248	4	1.6	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	1.94	2.33	2.135	0.39	18.3	
Total Recoverable Aluminum	ug/L	37.7	38.2	37.95	0.5	1.3	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.098	0.11	0.104	0.012	11.5	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	28.2	28.8	28.5	0.6	2.1	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Jul-10-2017	Jul-10-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.31	1.31	1.31	0	0.0	
Nitrate as N	mg/L	3.7	3.71	3.705	0.01	0.3	
Sulfate as S	mg/L	38.6	39.5	39.05	0.9	2.3	
Total Dissolved Solids	mg/L	240	233	236.5	7	3.0	
Total Suspended Solids	mg/L	4.0	5.0	4.5	1	22.2	Yes
Lab Turbidity	NTU	0.88	0.79	0.835	0.09	10.8	
Total Recoverable Aluminum	ug/L	11.1	10.3	10.7	0.8	7.5	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.13	0.141	0.1355	0.011	8.1	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	41.1	39.9	40.5	1.2	3.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Aug-14-2017	Aug-14-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	2.83	2.82	2.825	0.01	0.4	
Nitrate as N	mg/L	7.47	7.47	7.47	0	0.0	
Sulfate as S	mg/L	73.1	74	73.55	0.9	1.2	
Total Dissolved Solids	mg/L	335	331	333	4	1.2	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.37	0.36	0.365	0.01	2.7	
Total Recoverable Aluminum	ug/L	6.1	5.8	5.95	0.3	5.0	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.101	0.098	0.0995	0.003	3.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	23.9	23.5	23.7	0.4	1.7	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Sep-13-2017	Sep-13-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	2.04	2.04	2.04	0	0.0	
Nitrate as N	mg/L	5.23	5.22	5.225	0.01	0.2	
Sulfate as S	mg/L	42.1	41.7	41.9	0.4	1.0	
Total Dissolved Solids	mg/L	251	254	252.5	3	1.2	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.55	0.77	0.66	0.22	33.3	Yes
Total Recoverable Aluminum	ug/L	8	5.9	6.95	2.1	30.2	Yes
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.118	0.113	0.1155	0.005	4.3	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	12	11.9	11.95	0.1	0.8	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Oct-09-2017	Oct-09-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.79	1.75	1.77	0.04	2.3	
Nitrate as N	mg/L	4.25	4.41	4.33	0.16	3.7	
Sulfate as S	mg/L	40.5	38.3	39.4	2.2	5.6	
Total Dissolved Solids	mg/L	260	248	254	12	4.7	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.49	0.86	0.675	0.37	54.8	Yes
Total Recoverable Aluminum	ug/L	7.7	7.9	7.8	0.2	2.6	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.137	0.125	0.131	0.012	9.2	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	10.5	10.1	10.3	0.4	3.9	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Nov-13-2017	Nov-13-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	2.13	2.12	2.125	0.01	0.5	
Nitrate as N	mg/L	7.62	7.62	7.62	0	0.0	
Sulfate as S	mg/L	53.3	52.6	52.95	0.7	1.3	
Total Dissolved Solids	mg/L	287	299	293	12	4.1	
Total Suspended Solids	mg/L	4.0	5.0	4.5	1	22.2	Yes
Lab Turbidity	NTU	0.35	0.3	0.325	0.05	15.4	
Total Recoverable Aluminum	ug/L	5.4	5.3	5.35	0.1	1.9	
Total Recoverable Cadmium	ug/L	0.020	0.023	0.0215	0.003	14.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.125	0.1	0.1125	0.025	22.2	Yes
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	8.4	8.2	8.3	0.2	2.4	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

001 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn.Code	CAK-099	CAK-001EFF				
	Collect Date/Time	Dec-11-2017	Dec-11-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	2.16	2.15	2.155	0.01	0.5	
Nitrate as N	mg/L	7.32	8.66	7.99	1.34	16.8	
Sulfate as S	mg/L	56.4	58.8	57.6	2.4	4.2	
Total Dissolved Solids	mg/L	285	328	306.5	43	14.0	
Total Suspended Solids	mg/L	4.0	5.2	4.6	1.2	26.1	Yes
Lab Turbidity	NTU	0.54	0.69	0.615	0.15	24.4	Yes
Total Recoverable Aluminum	ug/L	7.6	7.2	7.4	0.4	5.4	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.147	0.159	0.153	0.012	7.8	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	23.5	23.7	23.6	0.2	0.8	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Jan-17-2017	Jan-17-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	1.57	1.55	1.56	0.02	1.3	
Nitrate as N	mg/L	4.77	4.79	4.78	0.02	0.4	
Sulfate as S	mg/L	232	233	233	1	0.4	
Total Dissolved Solids	mg/L	440	439	440	1	0.2	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.37	1	0.69	0.63	92.0	Yes
Total Recoverable Aluminum	ug/L	7.7	8.7	8.2	1	12.2	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.162	0.166	0.16	0.004	2.4	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	23.8	24.8	24.3	1	4.1	
Total Recoverable Nickel	ug/L	1.0	1.3	1.15	0.3	26.1	Yes
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Feb-13-2017	Feb-13-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.75	1.75	1.75	0	0.0	
Nitrate as N	mg/L	4.36	4.39	4.38	0.03	0.7	
Sulfate as S	mg/L	212	222	217	10	4.6	
Total Dissolved Solids	mg/L	408	408	408	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.47	0.41	0.44	0.06	13.6	
Total Recoverable Aluminum	ug/L	7.4	6.2	6.8	1.2	17.6	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.096	0.109	0.1	0.013	12.7	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	17.6	17.6	17.6	0	0.0	
Total Recoverable Nickel	ug/L	1.1	1.1	1.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Mar-27-2017	Mar-27-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.6	1.6	1.6	0	0.0	
Nitrate as N	mg/L	3.92	4.01	3.97	0.09	2.3	
Sulfate as S	mg/L	174	175	175	1	0.6	
Total Dissolved Solids	mg/L	379	389	384	10	2.6	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.66	0.37	0.52	0.29	56.3	Yes
Total Recoverable Aluminum	ug/L	5.2	4.7	4.95	0.5	10.1	
Total Recoverable Cadmium	ug/L	0.029	0.021	0.03	0.008	32.0	Yes
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.066	0.054	0.06	0.012	20.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	17.4	16.1	16.8	1.3	7.8	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Apr-10-2017	Apr-10-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.65	1.65	1.65	0	0.0	
Nitrate as N	mg/L	3.99	3.94	3.97	0.05	1.3	
Sulfate as S	mg/L	171	172	172	1	0.6	
Total Dissolved Solids	mg/L	363	370	367	7	1.9	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.77	0.78	0.78	0.01	1.3	
Total Recoverable Aluminum	ug/L	9.1	9.9	9.5	0.8	8.4	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.152	0.151	0.15	0.001	0.7	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	14.3	14.4	14.4	0.1	0.7	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	May-08-2017	May-08-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.68	1.67	1.68	0.01	0.6	
Nitrate as N	mg/L	3.97	3.83	3.9	0.14	3.6	
Sulfate as S	mg/L	179	182	181	3	1.7	
Total Dissolved Solids	mg/L	411	400	406	11	2.7	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.36	0.34	0.35	0.02	5.7	
Total Recoverable Aluminum	ug/L	5.1	5.5	5.3	0.4	7.5	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.076	0.075	0.08	0.001	1.3	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	7.5	7.3	7.4	0.2	2.7	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Jun-26-2017	Jun-26-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	1.7	1.7	1.7	0	0.0	
Nitrate as N	mg/L	4.74	4.75	4.75	0.01	0.2	
Sulfate as S	mg/L	241	243	242	2	0.8	
Total Dissolved Solids	mg/L	450	453	452	3	0.7	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.44	0.52	0.48	0.08	16.7	
Total Recoverable Aluminum	ug/L	8.7	7.3	8	1.4	17.5	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.063	0.05	0.06	0.013	23.0	Yes
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	16.5	16.9	16.7	0.4	2.4	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Jul-10-2017	Jul-10-2017	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
Ammonia as N	mg/L	1.59	1.58	1.59	0.01	0.6	
Nitrate as N	mg/L	4.72	4.69	4.71	0.03	0.6	
Sulfate as S	mg/L	210	211	211	1	0.5	
Total Dissolved Solids	mg/L	441	431	436	10	2.3	
Total Suspended Solids	mg/L	4.0	5.0	4.5	1	22.2	Yes
Lab Turbidity	NTU	0.61	0.59	0.6	0.02	3.3	
Total Recoverable Aluminum	ug/L	9.5	10	9.75	0.5	5.1	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.102	0.1	0.1	0.002	2.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	15.2	14.9	15.1	0.3	2.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Aug-14-2017	Aug-14-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	1.46	1.48	1.47	0.02	1.4	
Nitrate as N	mg/L	4.75	4.65	4.7	0.1	2.1	
Sulfate as S	mg/L	220	220	220	0	0.0	
Total Dissolved Solids	mg/L	446	440	443	6	1.4	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.35	0.34	0.35	0.01	2.9	
Total Recoverable Aluminum	ug/L	5.7	5.9	5.8	0.2	3.4	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.052	0.053	0.05	0.001	1.9	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	8.6	8.7	8.65	0.1	1.2	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Sep-13-2017	Sep-13-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	1.45	1.35	1.4	0.1	7.1	
Nitrate as N	mg/L	4.55	4.53	4.54	0.02	0.4	
Sulfate as S	mg/L	240	235	238	5	2.1	
Total Dissolved Solids	mg/L	446	443	445	3	0.7	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.66	1.09	0.88	0.43	49.1	Yes
Total Recoverable Aluminum	ug/L	20.2	13.8	17	6.4	37.6	Yes
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.28	0.241	0.26	0.039	15.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	21.6	20.3	21	1.3	6.2	
Total Recoverable Nickel	ug/L	1.0	1.3	1.15	0.3	26.1	Yes
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Oct-09-2017	Oct-09-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	1.38	1.34	1.36	0.04	2.9	
Nitrate as N	mg/L	4.28	4.28	4.28	0	0.0	
Sulfate as S	mg/L	229	226	228	3	1.3	
Total Dissolved Solids	mg/L	447	429	438	18	4.1	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.44	0.49	0.47	0.05	10.8	
Total Recoverable Aluminum	ug/L	9.6	10.2	9.9	0.6	6.1	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.151	0.154	0.15	0.003	2.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	15	15	15	0	0.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Nov-13-2017	Nov-13-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	1.37	1.37	1.37	0	0.0	
Nitrate as N	mg/L	4.77	4.77	4.77	0	0.0	
Sulfate as S	mg/L	227	229	228	2	0.9	
Total Dissolved Solids	mg/L	455	437	446	18	4.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Lab Turbidity	NTU	0.52	0.58	0.55	0.06	10.9	
Total Recoverable Aluminum	ug/L	6.1	6.8	6.45	0.7	10.9	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.156	0.159	0.16	0.003	1.9	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	29.3	30.5	29.9	1.2	4.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.001	0	0	0.0	

002 EFFLUENT		<u>Duplicate</u>	<u>Sample</u>				
	Stn. Code	CAK-098	Outfall 002				
	Collect Date/Time	Dec-11-2017	Dec-11-2017	Mean	Difference	% Difference	>20% ?
Ammonia as N	mg/L	1.31	1.31	1.31	0	0.0	
Nitrate as N	mg/L	4.83	4.84	4.84	0.01	0.2	
Sulfate as S	mg/L	233	232	233	1	0.4	
Total Dissolved Solids	mg/L	422	423	423	1	0.2	
Total Suspended Solids	mg/L	4.0	5.6	4.8	1.6	33.3	Yes
Lab Turbidity	NTU	0.53	0.55	0.54	0.02	3.7	
Total Recoverable Aluminum	ug/L	7.1	6.9	7	0.2	2.9	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Iron	mg/L	0.242	0.239	0.24	0.003	1.2	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	32.8	31.1	32	1.7	5.3	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Mercury	ug/L	0.001	0.0011	0	0.0001	9.5	

	Stn.Code	Blind Duplicate RW Station		SH105			
	Collection Date	CAK-069	CAK-SH105	Mean	Difference	% Difference	>20% ?
	Sample No.	Jan-10-2017	Jan-10-2017				
Turbidity Lab	NTU	0.36	0.33	0.345	0.03	8.7	
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.22	0.22	0.22	0	0.0	
Nitrate as N	mg/L	3.47	3.46	3.465	0.01	0.3	
Hardness, Total	mg/L	92.7	93	92.85	0.3	0.3	
Chloride	mg/L	14	14	14	0	0.0	
Sulfate	mg/L	54.5	54.3	54.4	0.2	0.4	
Total Dissolved Solids	mg/L	188	180	184	8	4.3	
Total Recoverable Aluminum	ug/L	16.3	16.4	16.35	0.1	0.6	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	4.3	4.2	4.25	0.1	2.4	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	12.4	13	12.7	0.6	4.7	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	3.7	3.8	3.75	0.1	2.7	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	JS2	Mean	Difference	% Difference	>20% ?
	Collection Date	CAK-069	CAK-JS2				
	Sample No.	Jan-11-2017	Jan-11-2017				
Turbidity Lab	NTU	0.15	0.13	0.14	0.02	14.3	
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.201	0.2	0.2005	0.001	0.5	
Hardness, Total	mg/L	18.1	17.7	17.9	0.4	2.2	
Chloride	mg/L	1.0	1.0	1	0	0.0	
Sulfate	mg/L	2.23	2.28	2.255	0.05	2.2	
Total Dissolved Solids	mg/L	22	29	25.5	7	27.5	Yes
Total Recoverable Aluminum	ug/L	5.8	3	4.4	2.8	63.6	Yes
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.3	1.4	1.35	0.1	7.4	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	1.8	7.7	4.75	5.9	124.2	Yes
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.2	1.2	1.2	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	MLA	Mean	Difference	% Difference	>20% ?
	Collection Date	CAK-069	CAK-MLA				
	Sample No.	Jan-12-2017	Jan-12-2017				
Turbidity Lab	NTU	0.45	0.47	0.46	0.02	4.3	
Color	Color Unit	50	40	45	10	22.2	Yes
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.050	0.050	0.05	0	0.0	
Hardness, Total	mg/L	61.1	58.3	59.7	2.8	4.7	
Chloride	mg/L	1.2	1.2	1.2	0	0.0	
Sulfate	mg/L	2.96	3.06	3.01	0.1	3.3	
Total Dissolved Solids	mg/L	76	73	74.5	3	4.0	
Total Recoverable Aluminum	ug/L	42	43	42.5	1	2.4	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	29.2	29.5	29.35	0.3	1.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	39.9	42.1	41	2.2	5.4	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.139	0.141	0.14	0.002	1.4	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	26.7	28.1	27.4	1.4	5.1	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.0013	0.0015	0.0014	0.0002	14.3	

	Stn.Code	Blind Duplicate RW Station		JS5			
	Collection Date	CAK-069	CAK-JS5				
	Sample No.	Feb-21-2017	Feb-21-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.28	0.14	0.21	0.14	66.7	Yes
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	1.11	1.11	1.11	0	0.0	
Hardness, Total	mg/L	39.1	40.9	40	1.8	4.5	
Chloride	mg/L	1.1	1.1	1.1	0	0.0	
Sulfate	mg/L	9	9	9	0	0.0	
Total Dissolved Solids	mg/L	63	66	64.5	3	4.7	
Total Recoverable Aluminum	ug/L	8.6	8.9	8.75	0.3	3.4	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.9	2.1	2	0.2	10.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	7	6.8	6.9	0.2	2.9	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.7	1.7	1.7	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code Collection Date Sample No.	Blind Duplicate RW Station CAK-069 Feb-16-2017	SMP-5 CAK-SMP-5 Feb-16-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.64	0.64	0.64	0	0.0	
Color	Color Unit	50	50	50	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.44	0.65	0.545	0.21	38.5	Yes
Nitrate as N	mg/L	1.33	1.31	1.32	0.02	1.5	
Hardness, Total	mg/L	85.9	83.4	84.65	2.5	3.0	
Chloride	mg/L	4.7	4.6	4.65	0.1	2.2	
Sulfate	mg/L	62.5	62.4	62.45	0.1	0.2	
Total Dissolved Solids	mg/L	169	146	157.5	23	14.6	
Total Recoverable Aluminum	ug/L	68.5	67.8	68.15	0.7	1.0	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	19	18.8	18.9	0.2	1.1	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	60.7	59.6	60.15	1.1	1.8	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.119	0.108	0.1135	0.011	9.7	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	14.8	14.8	14.8	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.0021	0.0022	0.00215	0.0001	4.7	

	Stn.Code	Blind Duplicate RW Station		SH109			
	Collection Date	CAK-069	CAK-SH109				
	Sample No.	Feb-23-2017	Feb-23-2017	Mean	Difference	% Difference	≥20% ?
Turbidity Lab	NTU	0.19	0.22	0.205	0.03	14.6	
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.26	0.268	0.264	0.008	3.0	
Hardness, Total	mg/L	46.2	48.4	47.3	2.2	4.7	
Chloride	mg/L	1.2	1.3	1.25	0.1	8.0	
Sulfate	mg/L	10.7	8.98	9.84	1.72	17.5	
Total Dissolved Solids	mg/L	64	54	59	10	16.9	
Total Recoverable Aluminum	ug/L	7.7	10	8.85	2.3	26.0	Yes
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	8.6	7.7	8.15	0.9	11.0	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.24	0.10	0.17	0.14	82.4	Yes
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.58	0.16	0.37	0.42	113.5	Yes
Dissolved Manganese	ug/L	1.1	1.0	1.05	0.1	9.5	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station		JS4	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-JS4					
	Sample No.	Mar-28-2017	Mar-28-2017					
Turbidity Lab	NTU	0.21	0.25	0.23	0.04	17.4		
Color	Color Unit	5	5	5	0	0.0		
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0		
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0		
Nitrate as N	mg/L	0.595	0.588	0.5915	0.007	1.2		
Hardness, Total	mg/L	61.3	63.3	62.3	2	3.2		
Chloride	mg/L	2.1	2.1	2.1	0	0.0		
Sulfate	mg/L	14.2	14.5	14.35	0.3	2.1		
Total Dissolved Solids	mg/L	100	89	94.5	11	11.6		
Total Recoverable Aluminum	ug/L	14.1	11.1	12.6	3	23.8	Yes	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0		
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0		
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0		
Total Recoverable Manganese	ug/L	3.5	3.1	3.3	0.4	12.1		
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0		
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0		
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0		
Dissolved Aluminum	ug/L	9.9	12.2	11.05	2.3	20.8	Yes	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0		
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0		
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0		
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0		
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0		
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0		
Dissolved Manganese	ug/L	3.1	3.1	3.1	0	0.0		
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0		
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0		
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0		
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0		
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0		

	Stn.Code	Blind Duplicate RW Station		SLB			
	Collection Date	CAK-069	CAK-SLB				
	Sample No.	Mar-30-2017	Mar-30-2017	Mean	Difference	% Difference	≥20% ?
Turbidity Lab	NTU	0.53	0.55	0.54	0.02	3.7	
Color	Color Unit	35	30	32.5	5	15.4	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.55	0.55	0.55	0	0.0	
Nitrate as N	mg/L	1.63	1.55	1.59	0.08	5.0	
Hardness, Total	mg/L	51.9	104	77.95	52.1	66.8	Yes
Chloride	mg/L	4.1	4	4.05	0.1	2.5	
Sulfate	mg/L	69.3	66	67.65	3.3	4.9	
Total Dissolved Solids	mg/L	177	176	176.5	1	0.6	
Total Recoverable Aluminum	ug/L	42	41.4	41.7	0.6	1.4	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	11.3	10.8	11.05	0.5	4.5	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	32	32.9	32.45	0.9	2.8	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.108	0.081	0.0945	0.027	28.6	Yes
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	4.2	4.1	4.15	0.1	2.4	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.0012	0.0012	0.0012	0	0.0	

	Stn.Code	Blind Duplicate RW Station		SH113			
	Collection Date	CAK-069	CAK-SH113				
	Sample No.	Mar-27-2017	Mar-27-2017	Mean	Difference		
Turbidity Lab	NTU	2.55	2.5	2.525	0.05	2.0	
Color	Color Unit	20	15	17.5	5	28.6	Yes
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.9	0.89	0.895	0.01	1.1	
Nitrate as N	mg/L	4.65	4.6	4.625	0.05	1.1	
Hardness, Total	mg/L	124	108	116	16	13.8	
Chloride	mg/L	22	21	21.5	1	4.7	
Sulfate	mg/L	99.9	94.1	97	5.8	6.0	
Total Dissolved Solids	mg/L	282	249	265.5	33	12.4	
Total Recoverable Aluminum	ug/L	37.5	15.6	26.55	21.9	82.5	Yes
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.098	0.036	0.067	0.062	92.5	Yes
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.18	0.16	0.17	0.02	11.8	
Total Recoverable Manganese	ug/L	44.2	42.4	43.3	1.8	4.2	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.8	1.7	1.75	0.1	5.7	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	3.2	2.5	2.85	0.7	24.6	Yes
Dissolved Aluminum	ug/L	6.2	6	6.1	0.2	3.3	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.032	0.023	0.0275	0.009	32.7	Yes
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.416	0.425	0.4205	0.009	2.1	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	36.8	35.3	36.05	1.5	4.2	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.6	1.5	1.55	0.1	6.5	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.6	2.9	2.75	0.3	10.9	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	SH103	Mean	Difference	% Difference	>20% ?
	Collection Date	CAK-069	CAK-SH103				
	Sample No.	Apr-13-2017	Apr-13-2017				
Turbidity Lab	NTU	0.17	0.25	0.21	0.08	38.1	Yes
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	5.47	5.24	5.355	0.23	4.3	
Hardness, Total	mg/L	130	121	125.5	9	7.2	
Chloride	mg/L	2.4	2.4	2.4	0	0.0	
Sulfate	mg/L	66.1	63	64.55	3.1	4.8	
Total Dissolved Solids	mg/L	169	176	172.5	7	4.1	
Total Recoverable Aluminum	ug/L	5.9	4.3	5.1	1.6	31.4	Yes
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.065	0.020	0.0425	0.045	105.9	Yes
Total Recoverable Copper	ug/L	1	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.0	4	2.5	3	120.0	Yes
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	3.8	5.1	4.45	1.3	29.2	Yes
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.053	0.020	0.0365	0.033	90.4	Yes
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1	1.1	1.05	0.1	9.5	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.0013	0.0015	0.0014	0.0002	14.3	

	Stn.Code	Blind Duplicate RW Station	SLC	Mean	Difference	% Difference	>20% ?
	Collection Date	CAK-069	CAK-SLC				
	Sample No.	Apr-19-2017	Apr-19-2017				
Turbidity Lab	NTU	0.3	0.24	0.27	0.06	22.2	Yes
Color	Color Unit	25	25	25	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.29	0.29	0.29	0	0.0	
Nitrate as N	mg/L	0.85	0.85	0.85	0	0.0	
Hardness, Total	mg/L	71	75.5	73.25	4.5	6.1	
Chloride	mg/L	4.7	4.7	4.7	0	0.0	
Sulfate	mg/L	42.1	42.1	42.1	0	0.0	
Total Dissolved Solids	mg/L	106	123	114.5	17	14.8	
Total Recoverable Aluminum	ug/L	30.6	32.9	31.75	2.3	7.2	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.10	0.24	0.17	0.14	82.4	Yes
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	3.5	3.8	3.65	0.3	8.2	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	28.8	30.3	29.55	1.5	5.1	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	2.8	2.9	2.85	0.1	3.5	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.0013	0.0013	0.0013	0	0.0	

	Stn.Code	Blind Duplicate RW Station		JS2	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-JS2					
	Sample No.	Apr-25-2017	Apr-25-2017					
Turbidity Lab	NTU	0.31	0.39	0.35	0.08	22.9	Yes	
Color	Color Unit	5.0	5.0	5	0	0.0		
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0		
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0		
Nitrate as N	mg/L	0.458	0.467	0.4625	0.009	1.9		
Hardness, Total	mg/L	15.1	15.7	15.4	0.6	3.9		
Chloride	mg/L	1.0	1.0	1	0	0.0		
Sulfate	mg/L	1.13	1.13	1.13	0	0.0		
Total Dissolved Solids	mg/L	27	27	27	0	0.0		
Total Recoverable Aluminum	ug/L	25.5	22.2	23.85	3.3	13.8		
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0		
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0		
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0		
Total Recoverable Manganese	ug/L	1.8	1.8	1.8	0	0.0		
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0		
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0		
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0		
Dissolved Aluminum	ug/L	7.1	7.2	7.15	0.1	1.4		
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0		
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0		
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0		
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0		
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0		
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0		
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0		
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0		
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0		
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0		
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0		
Mercury Dissolved	ug/L	0.001	0.0014	0.0012	0.0004	33.3	Yes	

	Stn.Code	Blind Duplicate RW Station	JS4	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-JS4				
	Sample No.	May-25-2017	May-25-2017				
Turbidity Lab	NTU	0.59	0.43	0.51	0.16	31.4	Yes
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.332	0.332	0.332	0	0.0	
Hardness, Total	mg/L	33.2	34.1	33.65	0.9	2.7	
Chloride	mg/L	1.0	1.0	1	0	0.0	
Sulfate	mg/L	4.58	4.58	4.58	0	0.0	
Total Dissolved Solids	mg/L	39	40	39.5	1	2.5	
Total Recoverable Aluminum	ug/L	21.7	21.7	21.7	0	0.0	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	2.8	2.8	2.8	0	0.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	9.5	9.1	9.3	0.4	4.3	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code Collection Date Sample No.	Blind Duplicate RW Station CAK-069 May-17-2017	SH111 CAK-SH111 May-17-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.23	0.57	0.4	0.34	85.0	Yes
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.050	0.050	0.05	0	0.0	
Nitrate as N	mg/L	0.319	0.324	0.3215	0.005	1.6	
Hardness, Total	mg/L	21.1	20.7	20.9	0.4	1.9	
Chloride	mg/L	1.0	1.0	1	0	0.0	
Sulfate	mg/L	1.98	1.97	1.975	0.01	0.5	
Total Dissolved Solids	mg/L	43	35	39	8	20.5	Yes
Total Recoverable Aluminum	ug/L	5.6	4.5	5.05	1.1	21.8	Yes
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	3.6	3.6	3.6	0	0.0	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	MLA	Mean	Difference	% Difference	>20% ?
	Collection Date	CAK-069	CAK-MLA				
	Sample No.	May-16-2017	May-16-2017				
Turbidity Lab	NTU	0.66	0.63	0.645	0.03	4.7	
Color	Color Unit	25	25	25	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.050	0.050	0.05	0	0.0	
Nitrate as N	mg/L	0.10	0.050	0.075	0.05	66.7	Yes
Hardness, Total	mg/L	59.8	57.3	58.55	2.5	4.3	
Chloride	mg/L	1.1	1.1	1.1	0	0.0	
Sulfate	mg/L	2.33	2.28	2.305	0.05	2.2	
Total Dissolved Solids	mg/L	74	76	75	2	2.7	
Total Recoverable Aluminum	ug/L	34.3	34.5	34.4	0.2	0.6	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	19.1	19.4	19.25	0.3	1.6	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	28.5	29.7	29.1	1.2	4.1	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.066	0.066	0.066	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	16.1	16.7	16.4	0.6	3.7	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.0011	0.0012	0.00115	1E-04	8.7	

	Stn.Code	Blind Duplicate RW Station		SH105			
	Collection Date	CAK-069	CAK-SH105	Mean	Difference	% Difference	>20% ?
	Sample No.	Jun-06-2017	Jun-06-2017				
Turbidity Lab	NTU	0.34	0.33	0.335	0.01	3.0	
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.538	0.54	0.539	0.002	0.4	
Hardness, Total	mg/L	39.3	40.3	39.8	1	2.5	
Chloride	mg/L	2.1	2.1	2.1	0	0.0	
Sulfate	mg/L	11.6	10.3	10.95	1.3	11.9	
Total Dissolved Solids	mg/L	62	57	59.5	5	8.4	
Total Recoverable Aluminum	ug/L	13.4	14.6	14	1.2	8.6	
Total Recoverable Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	2.11	2.35	2.23	0.24	10.8	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Silver	ug/L	0.10	0.10	0.1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Total Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	9.1	8.3	8.7	0.8	9.2	
Dissolved Arsenic	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Chromium	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.67	1.89	1.78	0.22	12.4	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Silver	ug/L	0.10	0.10	0.1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station		SMP 5			
	Collection Date	CAK-069	CAK-SMP-5	Mean	Difference	% Difference	>20% ?
	Sample No.	Jun-15-2017	Jun-15-2017				
Turbidity Lab	NTU	0.45	0.37	0.41	0.08	19.5	
Color	Color Unit	10	15	12.5	5	40.0	Yes
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	1.03	1.03	1.03	0	0.0	
Nitrate as N	mg/L	3.55	2.84	3.195	0.71	22.2	Yes
Hardness, Total	mg/L	210	194	202	16	7.9	
Chloride	mg/L	11.6	9.5	10.55	2.1	19.9	
Sulfate	mg/L	173	141	157	32	20.4	Yes
Total Dissolved Solids	mg/L	342	293	317.5	49	15.4	
Total Recoverable Aluminum	ug/L	14.4	19.7	17.05	5.3	31.1	Yes
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	6.5	8.2	7.35	1.7	23.1	Yes
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	13.1	14.8	13.95	1.7	12.2	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	4.6	4.6	4.6	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station		JS5	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-JS5					
	Sample No.	Jun-22-2017	Jun-22-2017					
Turbidity Lab	NTU	0.27	0.3	0.285	0.03	10.5		
Color	Color Unit	5	5	5	0	0.0		
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0		
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0		
Nitrate as N	mg/L	0.192	0.192	0.192	0	0.0		
Hardness, Total	mg/L	20.8	20.8	20.8	0	0.0		
Chloride	mg/L	1.0	1.0	1	0	0.0		
Sulfate	mg/L	3.71	3.71	3.71	0	0.0		
Total Dissolved Solids	mg/L	24	25	24.5	1	4.1		
Total Recoverable Aluminum	ug/L	7.3	7.7	7.5	0.4	5.3		
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0		
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0		
Total Recoverable Manganese	ug/L	1.3	1.3	1.3	0	0.0		
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0		
Dissolved Aluminum	ug/L	5.4	5.5	5.45	0.1	1.8		
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0		
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0		
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0		
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0		
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0		
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0		
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0		
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0		
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0		

	Stn.Code	Blind Duplicate RW Station		JS2			
	Collection Date	CAK-069	CAK-JS2	Mean	Difference	% Difference	>20% ?
Sample No.		Jul-06-2017	Jul-06-2017				
Turbidity Lab	NTU	0.15	0.17	0.16	0.02	12.5	
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.088	0.085	0.0865	0.003	3.5	
Hardness, Total	mg/L	13.7	13.7	13.7	0	0.0	
Chloride	mg/L	1.0	1.0	1	0	0.0	
Sulfate	mg/L	1.17	1.17	1.17	0	0.0	
Total Dissolved Solids	mg/L	17	20	18.5	3	16.2	
Total Recoverable Aluminum	ug/L	6.1	5.9	6	0.2	3.3	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	3.8	2.9	3.35	0.9	26.9	Yes
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station		SH109			
	Collection Date	CAK-069	CAK-SH109				
	Sample No.	Jul-11-2017	Jul-11-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.31	0.33	0.32	0.02	6.3	
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.050	0.050	0.05	0	0.0	
Hardness, Total	mg/L	43.1	41.3	42.2	1.8	4.3	
Chloride	mg/L	1.0	1.0	1	0	0.0	
Sulfate	mg/L	5.88	5.98	5.93	0.1	1.7	
Total Dissolved Solids	mg/L	54	56	55	2	3.6	
Total Recoverable Aluminum	ug/L	10.7	9.9	10.3	0.8	7.8	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1	1.1	1.05	0.1	9.5	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	4.6	1.7	3.15	2.9	92.1	Yes
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	8.1	8.4	8.25	0.3	3.6	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	SLB	Mean	Difference	% Difference	>20% ?
	Collection Date	CAK-069	CAK-SLB				
	Sample No.	Jul-25-2017	Jul-25-2017				
Turbidity Lab	NTU	0.72	0.71	0.715	0.01	1.4	
Color	Color Unit	15	15	15	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.85	0.84	0.845	0.01	1.2	
Nitrate as N	mg/L	4.59	4.62	4.605	0.03	0.7	
Hardness, Total	mg/L	230	227	228.5	3	1.3	
Chloride	mg/L	12.8	12.9	12.85	0.1	0.8	
Sulfate	mg/L	176	178	177	2	1.1	
Total Dissolved Solids	mg/L	376	373	374.5	3	0.8	
Total Recoverable Aluminum	ug/L	35.1	35.1	35.1	0	0.0	
Total Recoverable Cadmium	ug/L	0.046	0.043	0.0445	0.003	6.7	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	25.4	26.3	25.85	0.9	3.5	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	17.9	17.7	17.8	0.2	1.1	
Dissolved Cadmium	ug/L	0.033	0.027	0.03	0.006	20.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	3.4	3.3	3.35	0.1	3.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	3	2.5	2.75	0.5	18.2	
Mercury Dissolved	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station		SLC			
	Collection Date	CAK-069	CAK-SLC				
	Sample No.	Aug-23-2017	Aug-23-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.8	0.87	0.835	0.07	8.4	
Color	Color Unit	80	80	80	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.24	0.21	0.225	0.03	13.3	
Hardness, Total	mg/L	50.6	49.8	50.2	0.8	1.6	
Chloride	mg/L	2	1.9	1.95	0.1	5.1	
Sulfate	mg/L	13.7	12.4	13.05	1.3	10.0	
Total Dissolved Solids	mg/L	79	73	76	6	7.9	
Total Recoverable Aluminum	ug/L	107	111	109	4	3.7	
Total Recoverable Cadmium	ug/L	0.023	0.03	0.0265	0.007	26.4	Yes
Total Recoverable Copper	ug/L	1.2	1.2	1.2	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	21.4	22.1	21.75	0.7	3.2	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	85	87.6	86.3	2.6	3.0	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.1	1.1	1.1	0	0.0	
Dissolved Iron	mg/L	0.13	0.129	0.1295	0.001	0.8	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	4.3	4.5	4.4	0.2	4.5	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Total	ug/L	0.0031	0.0035	0.0033	0.0004	12.1	

	Stn.Code	Blind Duplicate RW Station		SH113	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>≥20% ?</u>
	Collection Date	CAK-069	CAK-SH113					
	Sample No.	Aug-17-2017	Aug-17-2017					
Turbidity Lab	NTU	0.8	0.64	0.72	0.16	22.2	Yes	
Color	Color Unit	20	20	20	0	0.0		
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0		
Ammonia as N	mg/L	0.43	0.41	0.42	0.02	4.8		
Nitrate as N	mg/L	0.97	1.21	1.09	0.24	22.0	Yes	
Hardness, Total	mg/L	67	67.3	67.15	0.3	0.4		
Chloride	mg/L	3.1	4.2	3.65	1.1	30.1	Yes	
Sulfate	mg/L	21.1	26.1	23.6	5	21.2	Yes	
Total Dissolved Solids	mg/L	92	98	95	6	6.3		
Total Recoverable Aluminum	ug/L	38.8	38.5	38.65	0.3	0.8		
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0		
Total Recoverable Copper	ug/L	2.2	2.2	2.2	0	0.0		
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0		
Total Recoverable Manganese	ug/L	6.5	6.3	6.4	0.2	3.1		
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0		
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0		
Dissolved Aluminum	ug/L	26.2	25.5	25.85	0.7	2.7		
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0		
Dissolved Copper	ug/L	2	1.9	1.95	0.1	5.1		
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0		
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0		
Dissolved Manganese	ug/L	4.3	4.2	4.25	0.1	2.4		
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0		
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0		
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0		
Mercury Total	ug/L	0.0019	0.0021	0.002	0.0002	10.0		

	Stn.Code	Blind Duplicate RW Station	JS4				
	Collection Date	CAK-069	CAK-JS4				
	Sample No.	Aug-01-2017	Aug-01-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.33	0.24	0.285	0.09	31.6	Yes
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.262	0.256	0.259	0.006	2.3	
Hardness, Total	mg/L	31.8	32	31.9	0.2	0.6	
Chloride	mg/L	1.0	1.0	1	0	0.0	
Sulfate	mg/L	5.54	5.57	5.555	0.03	0.5	
Total Dissolved Solids	mg/L	43	47	45	4	8.9	
Total Recoverable Aluminum	ug/L	7.3	7.2	7.25	0.1	1.4	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.9	1.9	1.9	0	0.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	5.1	4.8	4.95	0.3	6.1	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.4	1.4	1.4	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Total	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	SH103	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-SH103				
	Sample No.	Sep-07-2017	Sep-07-2017				
Turbidity Lab	NTU	0.2	0.13	0.165	0.07	42.4	Yes
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	1.34	1.36	1.35	0.02	1.5	
Hardness, Total	mg/L	41.5	39.4	40.45	2.1	5.2	
Chloride	mg/L	2.0	1.0	1.5	1	66.7	Yes
Sulfate	mg/L	18.6	19	18.8	0.4	2.1	
Total Dissolved Solids	mg/L	78	73	75.5	5	6.6	
Total Recoverable Aluminum	ug/L	6.1	10.8	8.45	4.7	55.6	Yes
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	4.4	5.8	5.1	1.4	27.5	Yes
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.9	2.7	0.4	14.8	
Mercury Total	ug/L	0.0010	0.0011	0.00105	0.0001	9.5	

	Stn.Code Collection Date	Blind Duplicate RW Station CAK-069 Sep-21-2017	MLA CAK-MLA Sep-21-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.66	0.5	0.58	0.16	27.6	Yes
Color	Color Unit	70	70	70	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.10	0.10	0.1	0	0.0	
Hardness, Total	mg/L	54.8	54.4	54.6	0.4	0.7	
Chloride	mg/L	2.0	2.0	2	0	0.0	
Sulfate	mg/L	2.28	5.78	4.03	3.5	86.8	Yes
Total Dissolved Solids	mg/L	81	85	83	4	4.8	
Total Recoverable Aluminum	ug/L	82.9	83.1	83	0.2	0.2	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	29	28.7	28.85	0.3	1.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	78.9	79.5	79.2	0.6	0.8	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.178	0.173	0.1755	0.005	2.8	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	25.8	26.2	26	0.4	1.5	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Total	ug/L	0.0019	0.0019	0.0019	0	0.0	

	Stn.Code	Blind Duplicate RW Station		JS5			
	Collection Date	CAK-069	CAK-JS5				
	Sample No.	Sep-26-2017	Sep-26-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	1.8	1.23	1.515	0.57	37.6	Yes
Color	Color Unit	10	20	15	10	66.7	Yes
Total Suspended Solids	mg/L	4.0	4	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.484	0.487	0.4855	0.003	0.6	
Hardness, Total	mg/L	25.2	25.3	25.25	0.1	0.4	
Chloride	mg/L	1.0	1.0	1	0	0.0	
Sulfate	mg/L	6.24	6.23	6.235	0.01	0.2	
Total Dissolved Solids	mg/L	27	23	25	4	16.0	
Total Recoverable Aluminum	ug/L	54.6	61	57.8	6.4	11.1	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.3	1.4	1.35	0.1	7.4	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	7.5	8	7.75	0.5	6.5	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	14.7	14.9	14.8	0.2	1.4	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	2.6	2.6	2.6	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Total	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	SH111	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-SH111				
	Sample No.	Oct-05-2017	Oct-05-2017				
Turbidity Lab	NTU	0.25	0.15	0.2	0.1	50.0	Yes
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.14	0.146	0.143	0.006	4.2	
Hardness, Total	mg/L	24.5	24.5	24.5	0	0.0	
Chloride	mg/L	2.0	1.0	1.5	1	66.7	Yes
Sulfate	mg/L	3.18	3.04	3.11	0.14	4.5	
Total Dissolved Solids	mg/L	30	32	31	2	6.5	
Total Recoverable Aluminum	ug/L	3.7	3.8	3.75	0.1	2.7	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	3.5	3.3	3.4	0.2	5.9	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Total	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	JS2	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-JS2				
	Sample No.	Oct-24-2017	Oct-24-2017				
Turbidity Lab	NTU	0.19	0.28	0.235	0.09	38.3	Yes
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.214	0.215	0.2145	0.001	0.5	
Hardness, Total	mg/L	15.2	15.3	15.25	0.1	0.7	
Chloride	mg/L	1.0	1.0	1	0	0.0	
Sulfate	mg/L	1.47	1.48	1.475	0.01	0.7	
Total Dissolved Solids	mg/L	21	27	24	6	25.0	Yes
Total Recoverable Aluminum	ug/L	8.4	8.7	8.55	0.3	3.5	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.6	1.7	1.65	0.1	6.1	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	2.5	2.4	2.45	0.1	4.1	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.2	1.2	1.2	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Total	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code Collection Date Sample No.	Blind Duplicate RW Station CAK-069 Oct-19-2017	SMP-5 CAK-SMP-5 Oct-19-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.62	0.61	0.615	0.01	1.6	
Color	Color Unit	35	35	35	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.85	0.87	0.86	0.02	2.3	
Nitrate as N	mg/L	2.64	2.64	2.64	0	0.0	
Hardness, Total	mg/L	179	174	176.5	5	2.8	
Chloride	mg/L	11	11	11	0	0.0	
Sulfate	mg/L	148	143	145.5	5	3.4	
Total Dissolved Solids	mg/L	291	300	295.5	9	3.0	
Total Recoverable Aluminum	ug/L	38.6	35.5	37.05	3.1	8.4	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	24.9	24.4	24.65	0.5	2.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	34.5	32.2	33.35	2.3	6.9	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.119	0.113	0.116	0.006	5.2	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	19.1	18.7	18.9	0.4	2.1	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.6	2.6	2.6	0	0.0	
Mercury Total	ug/L	0.0011	0.0011	0.0011	0	0.0	

	Stn.Code	Blind Duplicate RW Station	SH105	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-SH105				
	Sample No.	Nov-02-2017	Nov-02-2017				
Turbidity Lab	NTU	0.41	0.32	0.365	0.09	24.7	Yes
Color	Color Unit	5	5	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.25	0.24	0.245	0.01	4.1	
Nitrate as N	mg/L	1.63	1.63	1.63	0	0.0	
Hardness, Total	mg/L	62.7	63.1	62.9	0.4	0.6	
Chloride	mg/L	6.3	6.3	6.3	0	0.0	
Sulfate	mg/L	26.6	26	26.3	0.6	2.3	
Total Dissolved Solids	mg/L	98	156	127	58	45.7	Yes
Total Recoverable Aluminum	ug/L	22.2	16.4	19.3	5.8	30.1	Yes
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	2.3	2	2.15	0.3	14.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	15.1	16.4	15.75	1.3	8.3	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.5	1.5	1.5	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Total	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	JS4	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-JS4				
	Sample No.	Nov-16-2017	Nov-16-2017				
Turbidity Lab	NTU	0.76	0.91	0.835	0.15	18.0	
Color	Color Unit	5.0	5.0	5	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.469	0.468	0.4685	0.001	0.2	
Hardness, Total	mg/L	57.4	55.7	56.55	1.7	3.0	
Chloride	mg/L	1.0	1.0	1	0	0.0	
Sulfate	mg/L	10.4	10.2	10.3	0.2	1.9	
Total Dissolved Solids	mg/L	63	59	61	4	6.6	
Total Recoverable Aluminum	ug/L	17.1	15.4	16.25	1.7	10.5	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	2.9	3	2.95	0.1	3.4	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	9.6	8.9	9.25	0.7	7.6	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	2.3	2.4	2.35	0.1	4.3	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.8	2.65	0.3	11.3	
Mercury Total	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station	SLB	<u>Mean</u>	<u>Difference</u>	<u>% Difference</u>	<u>>20% ?</u>
	Collection Date	CAK-069	CAK-SLB				
	Sample No.	Nov-28-2017	Nov-28-2017				
Turbidity Lab	NTU	0.37	0.32	0.345	0.05	14.5	
Color	Color Unit	10	10	10	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	1.36	1.35	1.355	0.01	0.7	
Nitrate as N	mg/L	5.11	5.08	5.095	0.03	0.6	
Hardness, Total	mg/L	262	260	261	2	0.8	
Chloride	mg/L	13.4	13.4	13.4	0	0.0	
Sulfate	mg/L	227	233	230	6	2.6	
Total Dissolved Solids	mg/L	479	469	474	10	2.1	
Total Recoverable Aluminum	ug/L	9.3	8.1	8.7	1.2	13.8	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	10.7	10.6	10.65	0.1	0.9	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	6	6.3	6.15	0.3	4.9	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	4.6	4.8	4.7	0.2	4.3	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.7	2.7	2.7	0	0.0	
Mercury Total	ug/L	0.001	0.001	0.001	0	0.0	

	Stn.Code	Blind Duplicate RW Station		SH109			
	Collection Date	CAK-069	CAK-SH109	Mean	Difference	% Difference	>20% ?
	Sample No.	Dec-07-2017	Dec-07-2017				
Turbidity Lab	NTU	0.38	0.41	0.395	0.03	7.6	
Color	Color Unit	10	10	10	0	0.0	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.10	0.10	0.1	0	0.0	
Nitrate as N	mg/L	0.484	0.479	0.4815	0.005	1.0	
Hardness, Total	mg/L	36.1	35.4	35.75	0.7	2.0	
Chloride	mg/L	1.7	1.7	1.7	0	0.0	
Sulfate	mg/L	5.52	5.53	5.525	0.01	0.2	
Total Dissolved Solids	mg/L	116	54	85	62	72.9	Yes
Total Recoverable Aluminum	ug/L	18.8	18.7	18.75	0.1	0.5	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.2	1.3	1.25	0.1	8.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	1.2	1.2	1.2	0	0.0	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	15.1	14.5	14.8	0.6	4.1	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.2	1.2	1.2	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	1.0	1.0	1	0	0.0	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Total	ug/L	0.0013	0.0014	0.00135	0.0001	7.4	

	Stn.Code	Blind Duplicate RW Station		SLC			
	Collection Date	CAK-069	CAK-SLC				
	Sample No.	Dec-19-2017	Dec-19-2017	Mean	Difference	% Difference	>20% ?
Turbidity Lab	NTU	0.54	0.53	0.535	0.01	1.9	
Color	Color Unit	30	35	32.5	5	15.4	
Total Suspended Solids	mg/L	4.0	4.0	4	0	0.0	
Ammonia as N	mg/L	0.26	0.28	0.27	0.02	7.4	
Nitrate as N	mg/L	0.9	0.84	0.87	0.06	6.9	
Hardness, Total	mg/L	89.9	89.7	89.8	0.2	0.2	
Chloride	mg/L	4.1	3.9	4	0.2	5.0	
Sulfate	mg/L	43.1	39.7	41.4	3.4	8.2	
Total Dissolved Solids	mg/L	128	129	128.5	1	0.8	
Total Recoverable Aluminum	ug/L	44.1	45.1	44.6	1	2.2	
Total Recoverable Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Total Recoverable Copper	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Lead	ug/L	0.16	0.16	0.16	0	0.0	
Total Recoverable Manganese	ug/L	8.4	7.5	7.95	0.9	11.3	
Total Recoverable Nickel	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Selenium	ug/L	1.0	1.0	1	0	0.0	
Total Recoverable Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Dissolved Aluminum	ug/L	39.3	36.9	38.1	2.4	6.3	
Dissolved Cadmium	ug/L	0.020	0.020	0.02	0	0.0	
Dissolved Copper	ug/L	1.0	1.0	1	0	0.0	
Dissolved Iron	mg/L	0.05	0.05	0.05	0	0.0	
Dissolved Lead	ug/L	0.16	0.16	0.16	0	0.0	
Dissolved Manganese	ug/L	3.9	4.5	4.2	0.6	14.3	
Dissolved Nickel	ug/L	1.0	1.0	1	0	0.0	
Dissolved Selenium	ug/L	1.0	1.0	1	0	0.0	
Dissolved Zinc	ug/L	2.5	2.5	2.5	0	0.0	
Mercury Total	ug/L	0.0018	0.0016	0.0017	0.0002	11.8	

Appendix B

Pit 3 ARD Visual Inspection Checklist

Date: 1/4/17

Time: 1130

Inspector's Name(Print/Sign): Kelsey Stockert / Kelsey Stockert

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Lower Parking Area

ARDS pile covered well.

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 1/18/17

Time: 1040

Inspector's Name(Print/Sign):

Kelsey Stockert *Kelsey Stockert*

Highwall

snow melting

Yes/No

Comments

Vegetation Changes ?

N

Soil/Rock Staining?

1

Orange Water Colorization?

1

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

N

Pit 3 Lower Parking Area

Yes/No

Comments

Vegetation Changes ?

N

Soil/Rock Staining?

1

Orange Water Colorization?

1

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

N

Pit 3 Upper Laydown

Yes/No

Comments

Vegetation Changes ?

N

Soil/Rock Staining?

1

Orange Water Colorization?

1

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

N

Road

Yes/No

Comments

Vegetation Changes ?

N

Soil/Rock Staining?

1

Orange Water Colorization?

1

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

N

South Stormwater Pond

Yes/No

Comments

Vegetation Changes ?

N

Soil/Rock Staining?

1

Orange Water Colorization?

1

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

N

West Stormwater Ponds

Yes/No

Comments

Vegetation Changes ?

N

Soil/Rock Staining?

1

Orange Water Colorization?

1

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

N

Pit 3 ARD Visual Inspection Checklist

Date: 2/9/17

Time: 1200

Inspector's Name(Print/Sign): Kelsey Stodart / Kelsey Stodart

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 2/25/17

Time: 1145

Inspector's Name(Print/Sign): Kelsey Stockert

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 3/8/17

Time: 1400

Inspector's Name(Print/Sign): Kelsey Stockert Kelsey Stockert

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 3/31/17

Time: 12:00

Inspector's Name (Print/Sign):

Kelsey Stachurski / Kelsey Stachurski

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

mostly filled in w/ rock

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 4/11/17

Time: 1000

Inspector's Name(Print/Sign): Kelsey Stockert / Kelsey Stockert

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 5/7/17

Time: 1200

Inspector's Name(Print/Sign): Kelsey Stockert

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Upper Laydown

Filling in w/ rock

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

South Stormwater Pond

Filling in w/ rock

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 5/23/17

Time: 1500

Inspector's Name(Print/Sign): Kelsey Stodart [Signature]

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 Upper Laydown

filling in w/ waste Rock: ok

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

South Stormwater Pond

area being filled in w/ waste Rock: ok

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
	Yes/No	pH result
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 6/5/17

Time: 1630

Inspector's Name(Print/Sign): Melissa Arnold

Melissa Arnold

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	N	
Orange Water Colorization?	N	
Water Samples Collected?	N	
pH measurement taken?	No	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?	✓	
pH measurement taken?	No	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?	✓	
pH measurement taken?	No	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?	✓	
pH measurement taken?	No	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?	✓	
pH measurement taken?	No	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?	✓	
pH measurement taken?	No	

Pit 3 ARD Visual Inspection Checklist

Date: 6/27/17

Time: 1350

Inspector's Name(Print/Sign): Kelsey Stockett Kelsey Stockett

Highwall

	Yes/No	Comments
Vegetation Changes ?	NO	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
	Yes/No	pH result
pH measurement taken?	NO	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	NO	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
	Yes/No	pH result
pH measurement taken?	NO	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	NO	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
	Yes/No	pH result
pH measurement taken?	NO	

Road

	Yes/No	Comments
Vegetation Changes ?	NO	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
	Yes/No	pH result
pH measurement taken?	NO	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	NO	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
	Yes/No	pH result
pH measurement taken?	NO	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	NO	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
	Yes/No	pH result
pH measurement taken?	NO	

Pit 3 ARD Visual Inspection Checklist

Date: 8/25/17

Time: 1200

Inspector's Name(Print/Sign): Kelsey Stocker Kelsey Stocker

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		ARDS pile exposed, needs to be covered, but no staining or pooling or flow from pile.
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		mostly filled in w/ waste rock
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		mostly filled w/ waste rock.
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 9/6/17

Time:

Inspector's Name(Print/Sign):

Riley Starnes / Deborah Starnes

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 9/20/17

Time:

Inspector's Name(Print/Sign): Kelsey Stockert Kelsey Stockert

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

Pit 3 Lower Parking Area

sump will w/in ARD pile containment.

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 10/10/17

Time: 1200

Inspector's Name(Print/Sign): Kelsey Stokum

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 10/31/17

Time: 1146

Inspector's Name(Print/Sign):

Kelsey S. [Signature] [Signature]

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 11/16/17

Time: 12:16

Inspector's Name(Print/Sign): Kelsey Stachert

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Lower Parking Area

AZDS pile waiting to be crushed for pug

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

MM is covered with.

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 11/28/17

Time: 1430

Inspector's Name (Print/Sign): Kelsey Stockert Hilary Stachert

Highwall

snow covering everything; no staining -

Vegetation Changes ?

Yes/No

Comments

Soil/Rock Staining?

Orange Water Colorization?

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

Pit 3 Lower Parking Area

Yes/No

Comments

Vegetation Changes ?

Soil/Rock Staining?

Orange Water Colorization?

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

Pit 3 Upper Laydown

Yes/No

Comments

Vegetation Changes ?

Soil/Rock Staining?

Orange Water Colorization?

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

Road

Yes/No

Comments

Vegetation Changes ?

Soil/Rock Staining?

Orange Water Colorization?

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

South Stormwater Pond

Yes/No

Comments

Vegetation Changes ?

Soil/Rock Staining?

Orange Water Colorization?

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

West Stormwater Ponds

Yes/No

Comments

Vegetation Changes ?

Soil/Rock Staining?

Orange Water Colorization?

Water Samples Collected?

Yes/No

pH result

pH measurement taken?

Pit 3 ARD Visual Inspection Checklist

Date: 12/12/17

Time: 1600

Inspector's Name(Print/Sign): Kelsey Stockert

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?		
Orange Water Colorization?		
Water Samples Collected?		
pH measurement taken?	N	

Pit 3 ARD Visual Inspection Checklist

Date: 12/27/17

Time: 1000

Inspector's Name(Print/Sign): Velsy Stockert / Velsy Stockert

Highwall

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

Pit 3 Lower Parking Area

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

Pit 3 Upper Laydown

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

Road

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

South Stormwater Pond

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

West Stormwater Ponds

	Yes/No	Comments
Vegetation Changes ?	N	
Soil/Rock Staining?	I	
Orange Water Colorization?	I	
Water Samples Collected?	I	
pH measurement taken?	N	

Appendix C

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170223
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170109
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170109
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170109
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170109
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170109
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170109
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170109
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170109
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170109
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170109
Total Dissolved Solids	Water	NONE	2540-C	DUP	456	10		2	20170109
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20170117
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170117
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.8	0.25	92		20170117
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170117
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170118
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170118
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170118
Chloride	Water	METHOD	300	MB	<1.0	1			20170118
Conductivity	Water	NONE	2510	MB	<5.0	5			20170118
Fluoride	Water	METHOD	300	MB	<0.10	0.1			20170118
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170118
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170118
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170118
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170118
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170118
Conductivity	Water	NONE	2510	MB	<5.0	5			20170118

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170118
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170118
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	78	5	99		20170118
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.8	0.5	92		20170118
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170118
Conductivity	Water	NONE	2510	LCS	242	5	103		20170118
Fluoride	Water	METHOD	300	LCS	4.91	0.1	98		20170118
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170118
pH lab	Water	NONE	4500-H-B	LCS	7.68		100		20170118
Sulfate	Water	METHOD	300	LCS	5.02	0.1	100		20170118
Turbidity Lab	Water	NONE	180.1	LCS	5.95	0.1	91		20170118
Total Suspended Solids	Water	NONE	2540-D	LCS	436	20	102		20170118
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	66.6	5		<1	20170118
pH lab	Water	NONE	4500-H-B	DUP	7.92			<1	20170118
Total Suspended Solids	Water	NONE	2540-D	DUP	44.8	4		6	20170118
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<30	30			20170118
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170118
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170118
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170118
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170118
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170118
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170118
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170118
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170118
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170118
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170118
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170118
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170118
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170118
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170118
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170118
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170118
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170118
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	491	30	98		20170118
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170118
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2450	50	98		20170118

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12000	1000	96		20170118
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	97		20170118
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	97		20170118
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.5	1	96		20170118
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.9	2.5	100		20170118
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	0.02	101		20170118
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.9	2.5	99		20170118
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12	1	96		20170118
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.6	0.16	99		20170118
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	1	96		20170118
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	97		20170118
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.9	1	102		20170118
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12	0.1	96		20170118
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	2.5	95		20170118
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170118
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170118
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170118
Mercury Total	Water	METHOD	1631	MB	<1	1			20170118
Mercury Total	Water	METHOD	1631	MB	<1	1			20170118
Mercury Total	Water	METHOD	1631	MB	<1	1			20170118
Mercury Total	Water	METHOD	1631	MS	46.7	1	93		20170118
Mercury Total	Water	METHOD	1631	DMS	46.5	1	93	<1	20170118
Mercury Total	Water	METHOD	1631	QCS	4.5	0.5	90		20170118
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170116
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.4	0.5	95		20170116
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.61	0.1		<1	20170116
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.58	0.1	99		20170116
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.59	0.1	99	<1	20170116
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170110
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170110
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170110
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170110
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170110
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170110
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170110
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170116

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.8	0.5	92		20170116
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170113
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170113
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170113
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170113
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170113
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170113
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170113
Total Dissolved Solids	Water	NONE	2540-C	DUP	447	10		2	20170113
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170124
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.9	0.5	92		20170124
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.45	0.1		2	20170124
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.44	0.1	98		20170124
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.41	0.1	97	1	20170124
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170131
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170131
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170131
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.9	0.5	92		20170131
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170131
Turbidity Lab	Water	NONE	180.1	LCS	6.59	0.1	101		20170131
Turbidity Lab	Water	NONE	180.1	DUP	0.72	0.1		10	20170131
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170131
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170131
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170131
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170131
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	100		20170131
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	100		20170131
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170131

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	0.02	106		20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170131
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	0.16	104		20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	1	102		20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	1	99		20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	2.5	96		20170131
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170131
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170131
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170131
Chloride	Water	METHOD	300	MB	<1.0	1			20170131
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170131
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170131
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170131
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.9	0.5	92		20170131
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170131
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170131
Sulfate	Water	METHOD	300	LCS	4.96	0.1	99		20170131
Turbidity Lab	Water	NONE	180.1	LCS	6.59	0.1	101		20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170131
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170131
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	100		20170131
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20170131
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	0.05	103		20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	0.02	106		20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170131

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	0.16	104		20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	1	102		20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	1	99		20170131
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	1	106		20170131
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	0.1	101		20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	2.5	96		20170131
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.3	2.5	103		20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	58	50		4	20170131
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.6	1		1	20170131
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.3	0.05		1	20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170131
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.3	1		1	20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170131
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170131
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1040	50	98		20170131
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	102	1	96		20170131
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	119	0.05	103		20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	0.02	103		20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	1	100		20170131
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.7	0.16	99		20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	33.4	1	101		20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	1	97		20170131
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.9	1	106		20170131
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	0.1	96		20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.6	2.5	94		20170131
Mercury Total	Water	METHOD	1631	MB	<1	1			20170131
Mercury Total	Water	METHOD	1631	MB	<1	1			20170131
Mercury Total	Water	METHOD	1631	MB	<1	1			20170131
Mercury Total	Water	METHOD	1631	MS	46.4	1	93		20170131
Mercury Total	Water	METHOD	1631	DMS	46.2	1	92	<1	20170131
Mercury Total	Water	METHOD	1631	QCS	4.72	0.5	94		20170131
Hardness, Total	Water	NONE	2340-B	DUP	258	1			20170131

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Hardness, Total	Water	NONE	2340-B	DUP	262	1			20170131
Hardness, Total	Water	NONE	2340-B	DUP	<1	1			20170131
Hardness, Total	Water	NONE	2340-B	DUP	264	1		<1	20170131
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170131
Chloride	Water	METHOD	300	MB	<1.0	1			20170131
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170131
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170131
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170131
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.9	0.5	92		20170131
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170131
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170131
Sulfate	Water	METHOD	300	LCS	4.96	0.1	99		20170131
Turbidity Lab	Water	NONE	180.1	LCS	6.59	0.1	101		20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170131
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170131
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170131
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	100		20170131
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20170131
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	0.05	103		20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	0.02	106		20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170131
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	0.16	104		20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	1	102		20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	1	99		20170131
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	1	106		20170131
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	0.1	101		20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	2.5	96		20170131

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.3	2.5	103		20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	58	50		4	20170131
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.6	1		1	20170131
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.3	0.05		1	20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170131
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.3	1		1	20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170131
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170131
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170131
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1040	50	98		20170131
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	102	1	96		20170131
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	119	0.05	103		20170131
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	0.02	103		20170131
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	1	100		20170131
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.7	0.16	99		20170131
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	33.4	1	101		20170131
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	1	97		20170131
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.9	1	106		20170131
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	0.1	96		20170131
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.6	2.5	94		20170131
Mercury Total	Water	METHOD	1631	MB	<1	1			20170131
Mercury Total	Water	METHOD	1631	MB	<1	1			20170131
Mercury Total	Water	METHOD	1631	MB	<1	1			20170131
Mercury Total	Water	METHOD	1631	MS	46.4	1	93		20170131
Mercury Total	Water	METHOD	1631	DMS	46.2	1	92	<1	20170131
Mercury Total	Water	METHOD	1631	QCS	4.72	0.5	94		20170131
Hardness, Total	Water	NONE	2340-B	DUP	258	1			20170131
Hardness, Total	Water	NONE	2340-B	DUP	262	1			20170131
Hardness, Total	Water	NONE	2340-B	DUP	<1	1			20170131
Hardness, Total	Water	NONE	2340-B	DUP	264	1		<1	20170131
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Hardness, Total	Water	NONE	2340-B	DUP	264	1		<1	20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170116

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170116
Total Suspended Solids	Water	NONE	2540-D	LCS	21.3	1	99		20170116
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.2	1	99	<1	20170116
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170116
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170116
Total Suspended Solids	Water	NONE	2540-D	LCS	21.3	1	99		20170116
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.2	1	99	<1	20170116
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170131
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170131
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170131
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170131
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170131
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20170131
Total Recoverable Phosphor	Water	METHOD	365.3	MB	<0.010	0.01			20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170131
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170131
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170131
Total Organic Carbon	Water	NONE	5310-C	LCS	23.7	0.5	99		20170131
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	115	5	95		20170131
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170131
Nitrite as N	Water	METHOD	300	LCS	2.31	0.05	92		20170131
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.98	0.2	105		20170131
Total Recoverable Phosphor	Water	METHOD	365.3	LCS	9.15	0.1	106		20170131
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	118	5	98		20170131
Chlorophyll A	Water	NONE	10200 H	LCS	4140	110	100		20170131
Chlorophyll A	Water	NONE	10200 H	DLCS	4010	110	97	3	20170131
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	2.61	0.1		1	20170131
Total Organic Carbon	Water	NONE	5310-C	DUP	4.21	0.5		1	20170131
Chemical Oxygen Demand	Water	NONE	5220-C	DUP	9	5		10	20170131
Total Organic Carbon	Water	NONE	5310-C	DUP	3.92	0.5		4	20170131
Nitrate as N	Water	METHOD	300	DUP	<0.050	0.05			20170131
Nitrite as N	Water	METHOD	300	DUP	<0.050	0.05			20170131
Total Organic Carbon	Water	NONE	5310-C	DUP	3.07	0.5		2	20170131

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Organic Carbon	Water	NONE	5310-C	DUP	3.02	0.5		4	20170131
Ammonia as N	Water	METHOD	4500-NH3 G	MS	4.72	0.1	103		20170131
Total Organic Carbon	Water	NONE	5310-C	MS	30.1	0.5	103		20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MS	113	13	103		20170131
Nitrate as N	Water	METHOD	300	MS	3.89	0.1	97		20170131
Nitrite as N	Water	METHOD	300	MS	3.77	0.1	94		20170131
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	4.66	0.1	100	3	20170131
Chemical Oxygen Demand	Water	NONE	5220-C	DMS	115	13	105	2	20170131
Nitrate as N	Water	METHOD	300	DMS	3.95	0.1	99	1	20170131
Nitrite as N	Water	METHOD	300	DMS	3.82	0.1	96	1	20170131
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170131
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170131
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	99		20170131
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9650	40	96		20170131
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170131
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170131
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170131
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170131
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170131
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20170131
Total Recoverable Phosphorus	Water	METHOD	365.3	MB	<0.010	0.01			20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170131
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170131
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170131
Total Organic Carbon	Water	NONE	5310-C	LCS	23.7	0.5	99		20170131
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	115	5	95		20170131
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170131
Nitrite as N	Water	METHOD	300	LCS	2.31	0.05	92		20170131
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.98	0.2	105		20170131
Total Recoverable Phosphorus	Water	METHOD	365.3	LCS	9.15	0.1	106		20170131
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	118	5	98		20170131
Chlorophyll A	Water	NONE	10200 H	LCS	4140	110	100		20170131
Chlorophyll A	Water	NONE	10200 H	DLCS	4010	110	97	3	20170131

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	2.61	0.1		1	20170131
Total Organic Carbon	Water	NONE	5310-C	DUP	4.21	0.5		1	20170131
Chemical Oxygen Demand	Water	NONE	5220-C	DUP	9	5		10	20170131
Total Organic Carbon	Water	NONE	5310-C	DUP	3.92	0.5		4	20170131
Nitrate as N	Water	METHOD	300	DUP	<0.050	0.05			20170131
Nitrite as N	Water	METHOD	300	DUP	<0.050	0.05			20170131
Total Organic Carbon	Water	NONE	5310-C	DUP	3.07	0.5		2	20170131
Total Organic Carbon	Water	NONE	5310-C	DUP	3.02	0.5		4	20170131
Ammonia as N	Water	METHOD	4500-NH3 G	MS	4.72	0.1	103		20170131
Total Organic Carbon	Water	NONE	5310-C	MS	30.1	0.5	103		20170131
Chemical Oxygen Demand	Water	NONE	5220-C	MS	113	13	103		20170131
Nitrate as N	Water	METHOD	300	MS	3.89	0.1	97		20170131
Nitrite as N	Water	METHOD	300	MS	3.77	0.1	94		20170131
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	4.66	0.1	100	3	20170131
Chemical Oxygen Demand	Water	NONE	5220-C	DMS	115	13	105	2	20170131
Nitrate as N	Water	METHOD	300	DMS	3.95	0.1	99	1	20170131
Nitrite as N	Water	METHOD	300	DMS	3.82	0.1	96	1	20170131
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170131
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170131
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	99		20170131
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9650	40	96		20170131
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170227
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170227
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	99		20170227
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9650	40	96		20170227
Total Recoverable Phosphorus	Water	METHOD	365.3	MB	<0.010	0.01			20170227
Total Recoverable Phosphorus	Water	METHOD	365.3	LCS	8.82	0	102		20170227
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170116
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170116
Total Suspended Solids	Water	NONE	2540-D	LCS	21.3	1	99		20170116
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.2	1	99	<1	20170116
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170116
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170116
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170116
Total Suspended Solids	Water	NONE	2540-D	LCS	21.3	1	99		20170116
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.2	1	99	<1	20170116

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170126
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170126
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170126
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170126
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Color	Water	NONE	2120-B	MB	<5.0	5			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170215
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170215
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	78	5	99		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170215
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170215
Color	Water	NONE	2120-B	LCS	35	5	100		20170215
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170215
Sulfate	Water	METHOD	300	LCS	4.98	0.1	100		20170215
Turbidity Lab	Water	NONE	180.1	LCS	5.95	0.1	91		20170215
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170215
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170215
Chloride	Water	METHOD	300	DUP	<1.0	1		NC	20170215
Nitrate as N	Water	METHOD	300	DUP	0.201	0.05		<1	20170215
Sulfate	Water	METHOD	300	DUP	2.24	0.1		2	20170215
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	17	5		<1	20170215
Chloride	Water	METHOD	300	MS	4.3	2	108		20170215
Nitrate as N	Water	METHOD	300	MS	4.11	0.1	98		20170215
Sulfate	Water	METHOD	300	MS	6.26	0.2	99		20170215
Chloride	Water	METHOD	300	DMS	4.3	2	108	<1	20170215
Nitrate as N	Water	METHOD	300	DMS	4.15	0.1	99	<1	20170215
Sulfate	Water	METHOD	300	DMS	6.28	0.2	100	<1	20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.9	2.5	104		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	0.1	106		20170215
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.3	2.5	103		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	0.16	104		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	1	102		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	1	99		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	1	106		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	0.1	101		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	2.5	96		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.3	2.5	103		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1010	50	101		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.1	2.5	101		20170215
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170215
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170215
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170215
Mercury Dissolved	Water	METHOD	1631	MS	50.3	1	101		20170215
Mercury Dissolved	Water	METHOD	1631	DMS	50	1	100	<1	20170215
Mercury Total	Water	METHOD	1631	QCS	5.24	0.5	105		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Hardness, Total	Water	NONE	2340-B	DUP	17.6	1		<1	20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Color	Water	NONE	2120-B	MB	<5.0	5			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170215
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170215
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	78	5	99		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170215
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170215
Color	Water	NONE	2120-B	LCS	35	5	100		20170215
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170215
Sulfate	Water	METHOD	300	LCS	4.98	0.1	100		20170215
Turbidity Lab	Water	NONE	180.1	LCS	5.95	0.1	91		20170215
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	2.5	103		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.1	106		20170215
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.4	2.5	104		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	100		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	0.16	106		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	1	103		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	1	100		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.6	1	107		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	0.1	101		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.3	2.5	103		20170215
Dissolved Mercury	Water	METHOD	1631	MB	<1	1			20170215
Dissolved Mercury	Water	METHOD	1631	MB	<1	1			20170215
Dissolved Mercury	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	QCS	5.08	0.5	102		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Conductivity	Water	NONE	2510	MB	<5.0	5			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Conductivity	Water	NONE	2510	MB	<5.0	5			20170215
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170215
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170215
Conductivity	Water	NONE	2510	LCS	242	5	103		20170215
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170215
Nitrite as N	Water	METHOD	300	LCS	2.31	0.05	92		20170215
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170215
Sulfate	Water	METHOD	300	LCS	4.98	0.1	100		20170215
Turbidity Lab	Water	NONE	180.1	LCS	5.95	0.1	91		20170215
Total Dissolved Solids	Water	NONE	2540-C	DUP	722	10		<1	20170215
pH lab	Water	NONE	4500-H-B	DUP	8.03			<1	20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Conductivity	Water	NONE	2510	DUP	283	5		<1	20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4860	10	97		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	2.5	103		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.02	106		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	100		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	0.16	106		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	1	103		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	1	99		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.6	1	107		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	0.1	101		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.3	2.5	103		20170215
Mercury Total	Water	METHOD	7470-A	LCS	4.88	0.2	98		20170215
Mercury Total	Water	METHOD	7470-A	DUP	<0.20	0.2			20170215
Mercury Total	Water	METHOD	7470-A	MS	5.09	0.2	102		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Total Dissolved Solids	Aqueous	NONE	2540-C	MB	<5.0	5			20170215
Ammonia as N	Aqueous	METHOD	4500-NH3 G	MB	<0.050	0.05			20170215
Nitrate as N	Aqueous	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Aqueous	METHOD	300	MB	<0.10	0.1			20170215
Ammonia as N	Aqueous	METHOD	4500-NH3 G	MB	<0.050	0.05			20170215
Total Dissolved Solids	Aqueous	NONE	2540-C	LCS	1630	5	99		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Aqueou	METHOD	4500-NH3 G	LCS	15.2	0.25	94		20170215
Nitrate as N	Aqueou	METHOD	300	LCS	2.38	0.05	95		20170215
pH lab	Aqueou	NONE	4500-H-B	LCS	7.65		99		20170215
Sulfate	Aqueou	METHOD	300	LCS	4.99	0.1	100		20170215
Total Dissolved Solids	Aqueou	NONE	2540-C	DUP	44	5		2	20170215
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	MB	0.021	0.01			20170215
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	MB	<0.020	0.02			20170215
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	MB	<0.010	0.01			20170215
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020	MB	<0.0050	0.005			20170215
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020	MB	<0.00020	0.0002			20170215
Total Chromium	Sludge,	EPA 3020A	6020	MB	<0.0020	0.002			20170215
Total Recoverable Copper	Sludge,	EPA 3020A	6020	MB	<0.0010	0.001			20170215
Total Recoverable Lead	Sludge,	EPA 3020A	6020	MB	<0.00020	0.0002			20170215
Total Recoverable Nickel	Sludge,	EPA 3020A	6020	MB	<0.0020	0.002			20170215
Total Recoverable Selenium	Sludge,	EPA 3020A	6020	MB	<0.010	0.01			20170215
Total Recoverable Silver	Sludge,	EPA 3020A	6020	MB	<0.00020	0.0002			20170215
Total Recoverable Zinc	Sludge,	EPA 3020A	6020	MB	<0.0050	0.005			20170215
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020	MB	<0.0050	0.005			20170215
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020	MB	<0.00020	0.0002			20170215
Total Chromium	Sludge,	EPA 3020A	6020	MB	<0.0020	0.002			20170215
Total Recoverable Copper	Sludge,	EPA 3020A	6020	MB	<0.0010	0.001			20170215
Total Recoverable Lead	Sludge,	EPA 3020A	6020	MB	<0.00020	0.0002			20170215
Total Recoverable Nickel	Sludge,	EPA 3020A	6020	MB	<0.0020	0.002			20170215
Total Recoverable Selenium	Sludge,	EPA 3020A	6020	MB	<0.010	0.01			20170215
Total Recoverable Silver	Sludge,	EPA 3020A	6020	MB	<0.00020	0.0002			20170215
Total Recoverable Zinc	Sludge,	EPA 3020A	6020	MB	<0.0050	0.005			20170215
Mercury Total	Sludge,	METHOD	7470-A	MB	<0.0010	0.001			20170215
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	LCS	9.06	0.01	91		20170215
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	LCS	4.82	0.02	96		20170215
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	LCS	2.28	0.01	91		20170215
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020	LCS	0.472	0.005	94		20170215
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020	LCS	0.233	0.0002	93		20170215
Total Chromium	Sludge,	EPA 3020A	6020	LCS	0.0938	0.002	94		20170215
Total Recoverable Copper	Sludge,	EPA 3020A	6020	LCS	0.115	0.001	92		20170215
Total Recoverable Lead	Sludge,	EPA 3020A	6020	LCS	0.472	0.0002	94		20170215
Total Recoverable Nickel	Sludge,	EPA 3020A	6020	LCS	0.232	0.002	93		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Sludge,	EPA 3020A	6020	LCS	0.466	0.01	93		20170215
Total Recoverable Silver	Sludge,	EPA 3020A	6020	LCS	0.113	0.0002	91		20170215
Total Recoverable Zinc	Sludge,	EPA 3020A	6020	LCS	0.217	0.005	87		20170215
Mercury Total	Sludge,	METHOD	7470-A	LCS	0.0049	0.001	99		20170215
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	DUP	0.47	0.01		8	20170215
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	DUP	0.344	0.02		2	20170215
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	DUP	<0.010	0.01			20170215
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020	DUP	<0.0050	0.005			20170215
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020	DUP	<0.00020	0.0002			20170215
Total Chromium	Sludge,	EPA 3020A	6020	DUP	<0.0020	0.002			20170215
Total Recoverable Copper	Sludge,	EPA 3020A	6020	DUP	0.0017	0.001		4	20170215
Total Recoverable Lead	Sludge,	EPA 3020A	6020	DUP	0.00027	0.0002		2	20170215
Total Recoverable Nickel	Sludge,	EPA 3020A	6020	DUP	<0.0020	0.002			20170215
Total Recoverable Selenium	Sludge,	EPA 3020A	6020	DUP	<0.010	0.01			20170215
Total Recoverable Silver	Sludge,	EPA 3020A	6020	DUP	<0.00020	0.0002			20170215
Total Recoverable Zinc	Sludge,	EPA 3020A	6020	DUP	<0.0050	0.005			20170215
Mercury Total	Sludge,	METHOD	7470-A	DUP	<0.0010	0.001			20170215
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	MS	9.33	0.01	89		20170215
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	MS	5.08	0.02	95		20170215
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	MS	2.28	0.01	91		20170215
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020	MS	0.478	0.005	96		20170215
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020	MS	0.236	0.0002	94		20170215
Total Chromium	Sludge,	EPA 3020A	6020	MS	0.094	0.002	94		20170215
Total Recoverable Copper	Sludge,	EPA 3020A	6020	MS	0.118	0.001	93		20170215
Total Recoverable Lead	Sludge,	EPA 3020A	6020	MS	0.475	0.0002	95		20170215
Total Recoverable Nickel	Sludge,	EPA 3020A	6020	MS	0.234	0.002	93		20170215
Total Recoverable Selenium	Sludge,	EPA 3020A	6020	MS	0.475	0.01	95		20170215
Total Recoverable Silver	Sludge,	EPA 3020A	6020	MS	0.114	0.0002	91		20170215
Total Recoverable Zinc	Sludge,	EPA 3020A	6020	MS	0.223	0.005	89		20170215
Mercury Total	Sludge,	METHOD	7470-A	MS	0.0051	0.001	102		20170215
Hardness, Total	Aqueou	NONE	2340-B	DUP	25.5	1		4	20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Color	Water	NONE	2120-B	MB	<5.0	5			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170215
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	78	5	99		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170215
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170215
Color	Water	NONE	2120-B	LCS	35	5	100		20170215
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170215
Sulfate	Water	METHOD	300	LCS	5.04	0.1	101		20170215
Turbidity Lab	Water	NONE	180.1	LCS	6.48	0.1	100		20170215
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.3	0.5	95		20170215
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170215
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170215
Chloride	Water	METHOD	300	DUP	1.2	1		<1	20170215
Nitrate as N	Water	METHOD	300	DUP	<0.050	0.05		NC	20170215
Sulfate	Water	METHOD	300	DUP	2.99	0.1		2	20170215
Chloride	Water	METHOD	300	MS	4.9	2	94		20170215
Nitrate as N	Water	METHOD	300	MS	3.98	0.1	99		20170215
Sulfate	Water	METHOD	300	MS	6.99	0.2	98		20170215
Chloride	Water	METHOD	300	DMS	5	2	95	<1	20170215
Nitrate as N	Water	METHOD	300	DMS	4.01	0.1	100	<1	20170215
Sulfate	Water	METHOD	300	DMS	7.04	0.2	99	<1	20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	20	98		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	86.4	1	86		20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.3	2.5	93		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.1	93		20170215
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.3	2.5	93		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.3	0.16	93		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.6	1	90		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.4	1	90		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.4	1	93		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.1	0.1	89		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.4	2.5	86		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.3	2.5	103		20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	91700	20		1	20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	53	50		4	20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.1	1		<1	20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170215
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.4	1		6	20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	103000	20	121		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1100	50	104		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	103	1	90		20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.1	2.5	100		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24	0.1	96		20170215
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.8	2.5	98		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	1	98		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.9	0.16	94		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	32.3	1	94		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.5	1	94		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.5	1	99		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.5	0.1	92		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.1	2.5	92		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.4	2.5	104		20170215
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170215
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170215
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170215
Mercury Dissolved	Water	METHOD	1631	MS	52.6	1	103		20170215
Mercury Dissolved	Water	METHOD	1631	DMS	51.2	1	100	3	20170215
Mercury Total	Water	METHOD	1631	QCS	5.08	0.5	102		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Hardness, Total	Water	NONE	2340-B	DUP	250	1		<1	20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Conductivity	Water	NONE	2510	MB	<5.0	5			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Conductivity	Water	NONE	2510	MB	<5.0	5			20170215
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.3	0.5	95		20170215
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170215
Conductivity	Water	NONE	2510	LCS	244	5	104		20170215
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170215
Nitrite as N	Water	METHOD	300	LCS	2.31	0.05	92		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170215
Sulfate	Water	METHOD	300	LCS	5.04	0.1	101		20170215
Turbidity Lab	Water	NONE	180.1	LCS	6.48	0.1	100		20170215
Total Dissolved Solids	Water	NONE	2540-C	DUP	511	10		<1	20170215
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170215
Conductivity	Water	NONE	2510	DUP	742	5		<1	20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.01	0.1	101		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2	0.1	100	<1	20170215
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Mercury Total	Water	METHOD	7470-A	LCS	4.88	0.2	98		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5030	50	101		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.3	2.5	93		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.02	93		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.3	0.16	93		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.6	1	90		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.4	1	90		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.4	1	93		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.1	0.1	89		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.4	2.5	86		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.3	2.5	103		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	230	10		3	20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1340	50		1	20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	2260	50	102		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	2360	50	103		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Hardness, Total	Water	NONE	2340-B	DUP	372	1		<1	20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170117
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170117
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170117
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170117
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170117
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170117
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170117
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170130
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.3	0.5	95		20170130
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170123
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170123
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170123
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170123
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170123
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170123
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170123
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170123
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170123
Total Dissolved Solids	Water	NONE	2540-C	DUP	440	10		<1	20170123
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170123
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170123
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170123
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170123
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170123
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170123
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.2	0.5	94		20170215
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170215
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170215
Sulfate	Water	METHOD	300	LCS	5.02	0.1	100		20170215
Turbidity Lab	Water	NONE	180.1	LCS	5.95	0.1	91		20170215
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170215
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170215
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170215
Total Dissolved Solids	Water	NONE	2540-C	DUP	450	10		2	20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	99		20170215
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	86.4	1	86		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.02	93		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.3	0.16	93		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.6	1	90		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.4	1	90		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.4	2.5	86		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.3	2.5	103		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.9	1	96		20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	0.05	103		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26	0.02	104		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.2	0.16	100		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.6	1	97		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	98		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	2.5	94		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	12.9	1		2	20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	36	1		5	20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.9	1		2	20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15.9	0.05		<1	20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	23.7	1		<1	20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	97.2	1	84		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.2	0.02	93		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.7	1	94		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	45.2	0.16	90		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	58.5	1	97		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23	1	92		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	21.5	2.5	86		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	108	1	100		20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	122	0.05	107		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26	0.02	104		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.1	1	105		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.3	0.16	101		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.7	1	104		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	1	103		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.4	1	105		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	0.1	100		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.7	2.5	95		20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	QCS	5.15	0.5	103		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170215
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.2	0.5	94		20170215
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170215
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170215
Sulfate	Water	METHOD	300	LCS	5.02	0.1	100		20170215
Turbidity Lab	Water	NONE	180.1	LCS	5.95	0.1	91		20170215
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170215
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170215
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170215
Total Dissolved Solids	Water	NONE	2540-C	DUP	450	10		2	20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	99		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	86.4	1	86		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.02	93		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.3	0.16	93		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.6	1	90		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.4	1	90		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.4	2.5	86		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.3	2.5	103		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.9	1	96		20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	0.05	103		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26	0.02	104		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.2	0.16	100		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.6	1	97		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	98		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	2.5	94		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	12.9	1		2	20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	36	1		5	20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.9	1		2	20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15.9	0.05		<1	20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	23.7	1		<1	20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	97.2	1	84		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.2	0.02	93		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.7	1	94		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	45.2	0.16	90		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	58.5	1	97		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23	1	92		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	21.5	2.5	86		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	108	1	100		20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	122	0.05	107		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26	0.02	104		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.1	1	105		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.3	0.16	101		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.7	1	104		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	1	103		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.4	1	105		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	0.1	100		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.7	2.5	95		20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	QCS	5.15	0.5	103		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170206
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170206
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.2	0.5	94		20170206
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.58	0.1		1	20170206
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.6	0.1	102		20170206
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.57	0.1	101	<1	20170206
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170206
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170206
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170206
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170206
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170206
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170206
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170206

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170206
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170206
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.2	0.5	94		20170206
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170206
Turbidity Lab	Water	NONE	180.1	LCS	5.95	0.1	91		20170206
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170206
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170206
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170206
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170206
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170206
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170206
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170206
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170206
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170206
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170206
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170206
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170206
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170206
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170206
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	99		20170206
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20170206
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	86.4	1	86		20170206
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.02	93		20170206
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170206
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.3	0.16	93		20170206
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.6	1	90		20170206
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.4	1	90		20170206
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.4	2.5	86		20170206
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170206
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170206
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170206
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170206
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170206
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170206
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170124
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170124

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170124
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170124
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170124
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170124
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170124
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170202
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170202
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170126
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170126
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170126
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170126
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170126
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170126
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170126
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170126
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170126
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170202
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.3	0.5	94		20170202
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.35	0.1		2	20170202
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.36	0.1	103		20170202
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.36	0.1	102	<1	20170202
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170126
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170126
Total Dissolved Solids	Water	NONE	2540-C	DUP	408	10		<1	20170126
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.3	0.5	94		20170215
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170215
Turbidity Lab	Water	NONE	180.1	LCS	6.83	0.1	105		20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2450	50	98		20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11900	1000	95		20170215
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	96		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.9	1	94		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	0.02	100		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	1	96		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	2.5	91		20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	59700	1000		2	20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	148	50		<1	20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	5100	1000		2	20170215
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	43100	1000		2	20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.8	1		1	20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	27.4	1		2	20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	68500	1000	74		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1160	50	101		20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14800	1000	96		20170215
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	50300	1000	79		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	101	1	88		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	0.02	98		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.8	1	94		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.3	0.16	95		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.7	1	83		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.3	1	93		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.3	2.5	89		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170215
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	110	1		<1	20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.3	0.5	94		20170215
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170215
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170215
Sulfate	Water	METHOD	300	LCS	4.96	0.1	99		20170215
Turbidity Lab	Water	NONE	180.1	LCS	6.83	0.1	105		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2450	50	98		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.9	1	94		20170215
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	98.9	0.05	99		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	0.02	100		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	1	96		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.2	1	100		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	0.1	96		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	2.5	91		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.8	2.5	98		20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MS	49.4	1	99		20170215
Mercury Total	Water	METHOD	1631	DMS	50.1	1	100	1	20170215
Mercury Total	Water	METHOD	1631	QCS	5.15	0.5	103		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170127
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170127
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170127
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170127
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170127
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.3	0.5	94		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.51	0.1		<1	20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.56	0.1	103		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.53	0.1	101	2	20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.3	0.5	94		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.51	0.1		<1	20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.56	0.1	103		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.53	0.1	101	2	20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Conductivity	Water	NONE	2510	MB	<5.0	5			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Conductivity	Water	NONE	2510	MB	<5.0	5			20170215
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.6	0.5	90		20170215
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170215
Conductivity	Water	NONE	2510	LCS	254	5	109		20170215
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170215
Nitrite as N	Water	METHOD	300	LCS	2.4	0.05	96		20170215
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170215
Sulfate	Water	METHOD	300	LCS	5	0.1	100		20170215
Turbidity Lab	Water	NONE	180.1	LCS	6.5	0.1	100		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.12	0.1	106		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.1	0.1	105	<1	20170215
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Mercury Total	Water	METHOD	7470-A	LCS	4.74	0.2	95		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4820	10	96		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2450	50	98		20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.4	2.5	97		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	0.02	100		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	1	96		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.2	1	100		20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	0.1	96		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	2.5	91		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170215
Mercury Total	Water	METHOD	7470-A	DUP	<0.20	0.2			20170215
Mercury Total	Water	METHOD	7470-A	MS	4.31	0.2	86		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170201
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170201
Total Suspended Solids	Water	NONE	2540-D	LCS	436	20	102		20170201
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170201
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170201
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170201
Total Suspended Solids	Water	NONE	2540-D	LCS	436	20	102		20170201
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170206
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170206
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.6	0.5	90		20170206
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170206
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170206
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.6	0.5	90		20170206
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.6	0.5	90		20170215
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170215
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170215
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2450	50	98		20170215
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11900	1000	95		20170215
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	96		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.9	1	94		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	0.02	100		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	1	96		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	2.5	91		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Hardness, Total	Water	NONE	2340-B	DUP	82.4	1		4	20170215
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Hardness, Total	Water	NONE	2340-B	DUP	223	1		3	20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MB	<1	1			20170215
Mercury Total	Water	METHOD	1631	MS	48.5	1	97		20170215
Mercury Total	Water	METHOD	1631	DMS	47.3	1	94.6	2.51	20170215
Mercury Total	Water	METHOD	1631	QCS	5.07	0.5	101		20170215
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170206
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170206
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170206
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170206
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170206
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170206
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170206
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170206
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170206
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170206
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170206
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170206
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170206
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170206

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	DUP	454	10		1	20170206
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170206
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170206
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170206
Total Dissolved Solids	Water	NONE	2540-C	DUP	454	10		1	20170206
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170206
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170206
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170215
Chloride	Water	METHOD	300	MB	<1.0	1			20170215
Conductivity	Water	NONE	2510	MB	<5.0	5			20170215
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170215
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170215
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170215
Conductivity	Water	NONE	2510	MB	<5.0	5			20170215
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170215
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170215
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170215
Conductivity	Water	NONE	2510	LCS	254	5	109		20170215
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170215
Nitrite as N	Water	METHOD	300	LCS	2.37	0.05	95		20170215
pH lab	Water	NONE	4500-H-B	LCS	7.68		100		20170215
Sulfate	Water	METHOD	300	LCS	4.99	0.1	100		20170215
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170215
Total Dissolved Solids	Water	NONE	2540-C	DUP	668	10		<1	20170215
Conductivity	Water	NONE	2510	DUP	968	5		<1	20170215
Turbidity Lab	Water	NONE	180.1	DUP	26.4	0.1		<1	20170215
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170215
Mercury Total	Water	METHOD	7470-A	LCS	4.74	0.2	95		20170215
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4820	10	96		20170215
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2450	50	98		20170215
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.4	2.5	97		20170215
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	0.02	100		20170215
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170215
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170215
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	1	96		20170215
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.2	1	100		20170215
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	0.1	96		20170215
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	2.5	91		20170215
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170215
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170215
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170214
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.9	0.5	92		20170214
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.86	0.1		<1	20170214
Ammonia as N	Water	METHOD	4500-NH3 G	MS	4.03	0.1	109		20170214
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.97	0.1	107	2	20170214
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170206
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170206
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170206
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170206
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170208
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170208
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170208
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170208
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170213
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170213
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170208
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170208

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	LCS	21	20	100		20170208
Total Suspended Solids	Water	NONE	2540-D	DLCS	21	20	99	<1	20170208
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170208
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170208
Total Suspended Solids	Water	NONE	2540-D	LCS	21	20	100		20170208
Total Suspended Solids	Water	NONE	2540-D	DLCS	21	20	99	<1	20170208
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170208
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170213
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	14.7	0.5	91		20170213
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170209
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170209
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170209
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170209
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170209
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170221
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170221
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.6	0.5	109		20170221
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170221
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170301
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170301
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170301
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170301
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170301
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.5	0.5	108		20170301
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170301
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170301
Total Dissolved Solids	Water	NONE	2540-C	DUP	561	10		2	20170301
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170301
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170301
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170301
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170301
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170301
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170301
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170301
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170301
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170301

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.0	2			20170301
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170301
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170301
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170301
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170301
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2560	50	103		20170301
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	106		20170301
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13400	1000	107		20170301
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	85	1	85		20170301
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	2.5	96		20170301
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170301
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.1	1	89		20170301
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.5	0.16	93		20170301
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	1	91		20170301
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.3	2	93		20170301
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170301
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.2	0.1	89		20170301
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.7	2.5	87		20170301
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170301
Mercury Total	Water	METHOD	1631	MB	<1	1			20170301
Mercury Total	Water	METHOD	1631	MB	<1	1			20170301
Mercury Total	Water	METHOD	1631	MB	<1	1			20170301
Mercury Total	Water	METHOD	1631	QCS	5.18	0.5	104		20170301
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170301
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170301
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170221
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.6	0.5	109		20170221
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.46	0.1		5	20170221
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.4	0.1	101		20170221
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.4	0.1	100	<1	20170221
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170209
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170209
Total Dissolved Solids	Water	NONE	2540-C	DUP	423	10		2	20170209
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170227
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170227
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170227

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170227
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170227
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170227
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.6	0.5	109		20170227
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170227
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170227
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170227
Total Suspended Solids	Water	NONE	2540-D	DUP	23.6	4		2	20170227
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170227
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170227
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170227
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170227
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170227
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170227
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170227
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170227
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170227
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170227
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170227
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	1.2	1			20170227
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170227
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170227
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170227
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170227
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170227
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2560	50	103		20170227
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	106		20170227
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13400	1000	107		20170227
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	85	1	85		20170227
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	2.5	96		20170227
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170227
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.1	2.5	91		20170227
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.1	1	89		20170227
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.5	0.16	93		20170227
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	1	91		20170227
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.3	1	93		20170227

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170227
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.2	0.1	89		20170227
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.7	2.5	87		20170227
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170227
Mercury Total	Water	METHOD	1631	MB	<1	1			20170227
Mercury Total	Water	METHOD	1631	MB	<1	1			20170227
Mercury Total	Water	METHOD	1631	MB	<1	1			20170227
Mercury Total	Water	METHOD	1631	QCS	5.18	0.5	104		20170227
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170227
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170227
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170209
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170209
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170223
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170223
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170223
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170223
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170223
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.5	0.5	108		20170223
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170223
Turbidity Lab	Water	NONE	180.1	LCS	7.1	0.1	109		20170223
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170223
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170223
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170223
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170223
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.0	2			20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170223
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170223
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170223

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2560	50	103		20170223
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	106		20170223
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13400	1000	107		20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	85	1	85		20170223
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	2.5	96		20170223
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.1	1	89		20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.5	0.16	93		20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	1	91		20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.3	2	93		20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.2	0.1	89		20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.7	2.5	87		20170223
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170223
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170223
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170223
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170223
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170223
Chloride	Water	METHOD	300	MB	<1.0	1			20170223
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170223
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170223
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170223
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.6	0.5	102		20170223
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170223
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170223
Sulfate	Water	METHOD	300	LCS	4.9	0.1	98		20170223
Turbidity Lab	Water	NONE	180.1	LCS	7.1	0.1	109		20170223
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170223
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170223
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170223
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170223

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.0	2			20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170223
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170223
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2560	50	103		20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	85	1	85		20170223
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	2.5	96		20170223
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.2	0.05	95		20170223
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.1	1	89		20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.5	0.16	93		20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	1	91		20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.3	2	93		20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.2	0.1	89		20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.7	2.5	87		20170223
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170223
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	113	50		5	20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.6	1		2	20170223
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170223
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.2	0.05		3	20170223
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.5	1		3	20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.0	2			20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170223
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1140	50	102		20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	83.2	1	77		20170223

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	45.9	2.5	92		20170223
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	106	0.05	91		20170223
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.6	0.02	90		20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.6	1	85		20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	42.8	0.16	86		20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	36.5	1	86		20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	20.9	2	84		20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	43.2	1	86		20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.4	0.1	83		20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	20.3	2.5	81		20170223
Mercury Total	Water	METHOD	1631	MB	<1	1			20170223
Mercury Total	Water	METHOD	1631	MB	<1	1			20170223
Mercury Total	Water	METHOD	1631	MB	<1	1			20170223
Mercury Total	Water	METHOD	1631	MS	50.7	1	101		20170223
Mercury Total	Water	METHOD	1631	DMS	50	1	100	1	20170223
Mercury Total	Water	METHOD	1631	QCS	4.99	0.5	100		20170223
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170223
Hardness, Total	Water	NONE	2340-B	DUP	240	1		6	20170223
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170223
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170223
Chloride	Water	METHOD	300	MB	<1.0	1			20170223
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170223
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170223
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170223
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.6	0.5	102		20170223
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170223
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170223
Sulfate	Water	METHOD	300	LCS	4.9	0.1	98		20170223
Turbidity Lab	Water	NONE	180.1	LCS	7.1	0.1	109		20170223
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170223
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170223
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170223
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170223
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.0	2			20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170223
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170223
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2560	50	103		20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	85	1	85		20170223
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	2.5	96		20170223
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.2	0.05	95		20170223
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.1	1	89		20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.5	0.16	93		20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	1	91		20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.3	2	93		20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.2	0.1	89		20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.7	2.5	87		20170223
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170223
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	113	50		5	20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.6	1		2	20170223
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170223
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.2	0.05		3	20170223
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.5	1		3	20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.0	2			20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170223

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1140	50	102		20170223
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	83.2	1	77		20170223
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	45.9	2.5	92		20170223
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	106	0.05	91		20170223
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.6	0.02	90		20170223
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.6	1	85		20170223
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	42.8	0.16	86		20170223
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	36.5	1	86		20170223
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	20.9	2	84		20170223
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	43.2	1	86		20170223
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.4	0.1	83		20170223
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	20.3	2.5	81		20170223
Mercury Total	Water	METHOD	1631	MB	<1	1			20170223
Mercury Total	Water	METHOD	1631	MB	<1	1			20170223
Mercury Total	Water	METHOD	1631	MB	<1	1			20170223
Mercury Total	Water	METHOD	1631	MS	50.7	1	101		20170223
Mercury Total	Water	METHOD	1631	DMS	50	1	100	1	20170223
Mercury Total	Water	METHOD	1631	QCS	4.99	0.5	100		20170223
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170223
Hardness, Total	Water	NONE	2340-B	DUP	240	1		6	20170223
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170310
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.1	0	106		20170310
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170213
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170213
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170213
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170213
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170213
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170221
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.6	0.5	102		20170221
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170214
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170214
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170214
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170214
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170214
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170214
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170214

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170228
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170228
Chloride	Water	METHOD	300	MB	<1.0	1			20170228
Conductivity	Water	NONE	2510	MB	<2.0	2			20170228
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170228
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170228
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170228
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170228
Conductivity	Water	NONE	2510	MB	<2.0	2			20170228
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170228
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.5	0.5	108		20170228
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170228
Conductivity	Water	NONE	2510	LCS	237	2	101		20170228
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170228
Nitrite as N	Water	METHOD	300	LCS	2.34	0.05	94		20170228
pH lab	Water	NONE	4500-H-B	LCS	7.62		99		20170228
Sulfate	Water	METHOD	300	LCS	4.98	0.1	100		20170228
Turbidity Lab	Water	NONE	180.1	LCS	7.1	0.1	109		20170228
Conductivity	Water	NONE	2510	DUP	374	5		1	20170228
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170228
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170228
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170228
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170228
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170228
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170228
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170228
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.0	2			20170228
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170228
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170228
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170228
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170228
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170228
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5340	10	107		20170228
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2560	50	103		20170228
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	2.5	96		20170228
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170228

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.1	1	89		20170228
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.5	0.16	93		20170228
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.7	1	91		20170228
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.3	2	93		20170228
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170228
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.2	0.1	89		20170228
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.7	2.5	87		20170228
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170228
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.82	0.2	96		20170228
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170228
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170222
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.5	0.5	108		20170222
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170222
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.5	0.5	108		20170222
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170216
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170216
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170216
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170216
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170216
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170216
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170216
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170216
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170216
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170216
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170216
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170216
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170216
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170216
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170308
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170308
Chloride	Water	METHOD	300	MB	<1.0	1			20170308
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170308
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170308
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170308
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170308
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170308

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170308
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17	0.5	105		20170308
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170308
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170308
Sulfate	Water	METHOD	300	LCS	4.97	0.1	99		20170308
Turbidity Lab	Water	NONE	180.1	LCS	6.41	0.1	98		20170308
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170308
Total Dissolved Solids	Water	NONE	2540-C	DUP	398	10		1	20170308
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170308
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170308
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170308
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170308
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170308
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170308
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170308
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170308
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170308
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170308
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170308
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170308
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170308
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	96		20170308
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11900	1000	95		20170308
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	88.3	1	88		20170308
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.5	0.05	97		20170308
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170308
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170308
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.4	0.16	95		20170308
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.3	1	93		20170308
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20170308
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	1	94		20170308

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.4	0.1	91		20170308
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.4	2.5	90		20170308
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170308
Mercury Total	Water	METHOD	1631	MB	<1	1			20170308
Mercury Total	Water	METHOD	1631	MB	<1	1			20170308
Mercury Total	Water	METHOD	1631	MB	<1	1			20170308
Mercury Total	Water	METHOD	1631	QCS	5.28	0.5	106		20170308
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170308
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170308
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170228
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17	0.5	105		20170228
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.23	0.1		1	20170228
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.28	0.1	103		20170228
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.25	0.1	101	2	20170228
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170308
Chloride	Water	METHOD	300	MB	<1.0	1			20170308
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170308
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170308
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170308
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17	0.5	105		20170308
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170308
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170308
Sulfate	Water	METHOD	300	LCS	4.97	0.1	99		20170308
Turbidity Lab	Water	NONE	180.1	LCS	6.41	0.1	98		20170308
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170308
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170308
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170308
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170308
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170308
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170308
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170308

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170308
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	88.3	1	88		20170308
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.5	0.05	97		20170308
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170308
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170308
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.4	0.16	95		20170308
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.3	1	93		20170308
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20170308
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	1	94		20170308
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.4	0.1	91		20170308
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.4	2.5	90		20170308
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20170308
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	95	50		14	20170308
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.6	1		6	20170308
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.4	0.05		3	20170308
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.033	0.02		NC	20170308
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170308
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170308
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	18.1	1		3	20170308
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.2	1		6	20170308
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170308
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170308
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170308
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170308
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1120	50	101		20170308
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	96.2	1	90		20170308
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	111	0.05	97		20170308
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.8	0.02	95		20170308
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.5	1	92		20170308
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	45.7	0.16	91		20170308
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.9	1	97		20170308
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.4	1	89		20170308
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.3	1	93		20170308
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11	0.1	88		20170308
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22	2.5	88		20170308
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.3	2.5	103		20170308

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury Total	Water	METHOD	1631	MB	<1	1			20170308
Mercury Total	Water	METHOD	1631	MB	<1	1			20170308
Mercury Total	Water	METHOD	1631	MB	<1	1			20170308
Mercury Total	Water	METHOD	1631	MS	50.2	1	100		20170308
Mercury Total	Water	METHOD	1631	DMS	50.6	1	101	1	20170308
Mercury Total	Water	METHOD	1631	QCS	5.28	0.5	106		20170308
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170308
Hardness, Total	Water	NONE	2340-B	DUP	234	1		1	20170308
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170308
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170308
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170308
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17	0.5	105		20170308
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170308
Turbidity Lab	Water	NONE	180.1	LCS	6.41	0.1	98		20170308
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170308
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170308
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170308
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170308
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170308
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170308
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170308
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170308
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170308
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170308
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	96		20170308
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11900	1000	95		20170308
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	88.3	1	88		20170308
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170308
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170308
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.4	0.16	95		20170308
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.3	1	93		20170308
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20170308
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.4	2.5	90		20170308

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury Total	Water	METHOD	1631	MB	<1	1			20170308
Mercury Total	Water	METHOD	1631	MB	<1	1			20170308
Mercury Total	Water	METHOD	1631	MB	<1	1			20170308
Mercury Total	Water	METHOD	1631	QCS	5.28	0.5	106		20170308
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170308
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170308
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170217
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170217
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170217
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170217
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170217
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170301
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.8	0.5	104		20170301
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.12	0.1		1	20170301
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.17	0.1	102		20170301
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.16	0.1	101	1	20170301
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170223
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170223
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170223
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170223
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170223
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170223
Nitrogen, Total Kjeldahl	Water	D3590-89B	D1426-08B	MB	<0.20	0.2			20170223
Total Recoverable Phosphor	Water	METHOD	365.3	MB	<0.010	0.01			20170223
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170223
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170223
Total Recoverable Phosphor	Water	METHOD	365.3	MB	<0.010	0.01			20170223
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170223
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170223
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170223
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.8	0.5	104		20170223
Total Organic Carbon	Water	NONE	5310-C	LCS	22.8	0.5	95		20170223
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	116	5	96		20170223
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170223
Nitrite as N	Water	METHOD	300	LCS	2.34	0.05	94		20170223
Nitrogen, Total Kjeldahl	Water	D3590-89B	D1426-08B	LCS	2.76	0.2	97		20170223

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Phosphor	Water	METHOD	365.3	LCS	8.83	0.1	102		20170223
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	111	5	92		20170223
Total Recoverable Phosphor	Water	METHOD	365.3	LCS	8.82	0.1	102		20170223
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	112	5	93		20170223
Chlorophyll A	Water	NONE	10200 H	LCS	4380	110	104		20170223
Chlorophyll A	Water	NONE	10200 H	DLCS	4320	110	103	1	20170223
Total Recoverable Potassiur	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170309
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170309
Total Recoverable Potassiur	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11800	1000	94		20170309
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9960	40	100		20170309
Total Recoverable Potassiur	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	25900	1000		1	20170309
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	126000	40		1	20170309
Total Recoverable Potassiur	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	29500	1000	38		20170309
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	109000	40	-188		20170309
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170314
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170314
Chloride	Water	METHOD	300	MB	<1.0	1			20170314
Color	Water	NONE	2120-B	MB	<5.0	5			20170314
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170314
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170314
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170314
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	77.4	5	98		20170314
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.8	0.5	104		20170314
Chloride	Water	METHOD	300	LCS	4.81	1	96		20170314
Color	Water	NONE	2120-B	LCS	35	5	100		20170314
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170314
Sulfate	Water	METHOD	300	LCS	4.93	0.1	99		20170314
Turbidity Lab	Water	NONE	180.1	LCS	6.52	0.1	100		20170314
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170314
Total Suspended Solids	Water	NONE	2540-D	LCS	20.9	1	97		20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.1	1	98	1	20170314
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	30	5		2	20170314
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.51	0.1		6	20170314
Color	Water	NONE	2120-B	DUP	50	5		1	20170314
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.47	0.1	97		20170314
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.45	0.1	95	2	20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2640	50	106		20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	2.5	93		20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.1	96		20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.6	2.5	96		20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	1	94		20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	0.16	96		20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	1	93		20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	0.1	93		20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.6	2.5	94		20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.2	2.5	92		20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	28700	1000		2	20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	168	50		4	20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	66.5	1		3	20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15	1		3	20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	38500	1000	102		20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	100		20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	158	1	89		20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.9	2.5	98		20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	0.1	96		20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.8	2.5	98		20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	1	99		20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.5	0.16	94		20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	38.5	1	92		20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.3	1	93		20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.3	1	94		20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.6	0.1	93		20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	2.5	99		20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.7	2.5	97		20170314
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170314
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170314
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170314
Mercury Dissolved	Water	METHOD	1631	MS	53.3	1	100		20170314
Mercury Dissolved	Water	METHOD	1631	DMS	52.4	1	98	2	20170314
Mercury Total	Water	METHOD	1631	QCS	4.91	0.5	98		20170314
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170314
Hardness, Total	Water	NONE	2340-B	DUP	79.1	1		2	20170314
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170314
Chloride	Water	METHOD	300	MB	<1.0	1			20170314
Color	Water	NONE	2120-B	MB	<5.0	5			20170314
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170314
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170314
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170314
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	77.4	5	98		20170314
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.8	0.5	104		20170314
Chloride	Water	METHOD	300	LCS	4.81	1	96		20170314
Color	Water	NONE	2120-B	LCS	35	5	100		20170314
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170314
Sulfate	Water	METHOD	300	LCS	4.93	0.1	99		20170314
Turbidity Lab	Water	NONE	180.1	LCS	6.52	0.1	100		20170314
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170314
Total Suspended Solids	Water	NONE	2540-D	LCS	20.9	1	97		20170314
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.1	1	98	1	20170314
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	30	5		2	20170314
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.51	0.1		6	20170314
Color	Water	NONE	2120-B	DUP	50	5		1	20170314
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.47	0.1	97		20170314
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.45	0.1	95	2	20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2640	50	106		20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	2.5	93		20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.1	96		20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.6	2.5	96		20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	1	94		20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	0.16	96		20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	1	93		20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	0.1	93		20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.6	2.5	94		20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.2	2.5	92		20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	28700	1000		2	20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	168	50		4	20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	66.5	1		3	20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15	1		3	20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	38500	1000	102		20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	100		20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	158	1	89		20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.9	2.5	98		20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	0.1	96		20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.8	2.5	98		20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	1	99		20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.5	0.16	94		20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	38.5	1	92		20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.3	1	93		20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.3	1	94		20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.6	0.1	93		20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	2.5	99		20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.7	2.5	97		20170314
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170314
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170314
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury Dissolved	Water	METHOD	1631	MS	53.3	1	100		20170314
Mercury Dissolved	Water	METHOD	1631	DMS	52.4	1	98	2	20170314
Mercury Total	Water	METHOD	1631	QCS	4.91	0.5	98		20170314
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170314
Hardness, Total	Water	NONE	2340-B	DUP	79.1	1		2	20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20170316
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170316
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170316
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170316
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170316
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170316
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170316
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170316
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170316
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170316
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170316
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170316
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170316
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170316
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170316
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	20	102		20170316
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2640	50	106		20170316
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20170316
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	2.5	93		20170316
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.1	96		20170316
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.6	2.5	96		20170316
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	1	94		20170316
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	0.16	96		20170316
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20170316
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20170316
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	1	93		20170316
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	0.1	93		20170316
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.6	2.5	94		20170316
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.2	2.5	92		20170316
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	0.1	101		20170316
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	28700	20		2	20170316

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	168	50		4	20170316
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	66.5	1		3	20170316
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170316
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170316
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170316
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170316
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170316
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15	1		3	20170316
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170316
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170316
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170316
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170316
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170316
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170316
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	38500	20	102		20170316
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	100		20170316
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	158	1	89		20170316
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.9	2.5	98		20170316
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	0.1	96		20170316
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.8	2.5	98		20170316
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	1	99		20170316
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.5	0.16	94		20170316
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	38.5	1	92		20170316
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.7	1	95		20170316
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.3	1	94		20170316
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.6	0.1	93		20170316
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	2.5	99		20170316
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.7	2.5	97		20170316
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.2	0.1	101		20170316
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170222
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170222
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170222
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170222
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170222
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170222
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.13	0.13			20170301

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.8	0.63	104		20170301
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170307
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170307
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.1	0.5	105		20170307
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170307
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170223
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170223
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170223
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170223
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170224
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170224
Total Dissolved Solids	Water	NONE	2540-C	DUP	387	10		1	20170224
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170314
Chloride	Water	METHOD	300	MB	<1.0	1			20170314
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170314
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170314
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170314
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.1	0.5	105		20170314
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170314
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170314
Sulfate	Water	METHOD	300	LCS	4.98	0.1	100		20170314
Turbidity Lab	Water	NONE	180.1	LCS	6.51	0.1	100		20170314
Total Suspended Solids	Water	NONE	2540-D	LCS	20.9	1	97		20170314
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.1	1	98	1	20170314
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.89	0.1		1	20170314
Total Dissolved Solids	Water	NONE	2540-C	DUP	650	10		2	20170314
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.84	0.1	98		20170314
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.88	0.1	100	2	20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2640	50	106		20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20170314
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.4	0.05	94		20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.6	2.5	96		20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	1	94		20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	0.16	96		20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	1	93		20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	0.1	93		20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.6	2.5	94		20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.2	2.5	92		20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	146	50		3	20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.1	1		1	20170314
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.1	0.05		2	20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.062	0.02		6	20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	18	1		1	20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.1	1		2	20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1160	50	101		20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	100	1	92		20170314
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	110	0.05	96		20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24	0.02	96		20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.7	2.5	97		20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	1	96		20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.1	0.16	94		20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.1	1	94		20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24	1	92		20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.3	1	97		20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.3	0.1	91		20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.1	2.5	92		20170314
Mercury Total	Water	METHOD	1631	MB	<1	1			20170314
Mercury Total	Water	METHOD	1631	MB	<1	1			20170314
Mercury Total	Water	METHOD	1631	MB	<1	1			20170314
Mercury Total	Water	METHOD	1631	MS	46	1	92		20170314
Mercury Total	Water	METHOD	1631	DMS	46.4	1	93	1	20170314
Mercury Total	Water	METHOD	1631	QCS	4.94	0.5	99		20170314
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170314
Hardness, Total	Water	NONE	2340-B	DUP	217	1		3	20170314
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170314
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170314
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170314
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.1	0.5	105		20170314
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170314
Turbidity Lab	Water	NONE	180.1	LCS	6.51	0.1	100		20170314
Total Suspended Solids	Water	NONE	2540-D	LCS	20.9	1	97		20170314
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.1	1	98	1	20170314
Total Suspended Solids	Water	NONE	2540-D	DUP	70.8	4		1	20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170314
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170314
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12000	1000	96		20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170314
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	98		20170314
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12000	1000	96		20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	1	94		20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	0.16	96		20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.6	2.5	94		20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	59000	1000		1	20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	156	50		8	20170314
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4900	1000		1	20170314
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	34800	1000		1	20170314
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	66800	1000	73		20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1140	50	97		20170314
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	15000	1000	100		20170314
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	43600	1000	92		20170314
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170314
Hardness, Total	Water	NONE	2340-B	DUP	168	1		1	20170314
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170314
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	92.2	1		1	20170314
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170307
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.1	0.5	105		20170307
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.5	0.1		1	20170307
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.53	0.1	102		20170307
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.52	0.1	101	1	20170307
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170314
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170314
Chloride	Water	METHOD	300	MB	<1.0	1			20170314
Color	Water	NONE	2120-B	MB	<5.0	5			20170314
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170314
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170314
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170314
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170314
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170314
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	192	5	99		20170314
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.1	0.5	105		20170314
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170314
Color	Water	NONE	2120-B	LCS	35	5	100		20170314
Nitrate as N	Water	METHOD	300	LCS	2.41	0.05	96		20170314
Sulfate	Water	METHOD	300	LCS	4.92	0.1	98		20170314
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170314
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20170314
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170314
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	15.7	5		1	20170314
Chloride	Water	METHOD	300	DUP	<1.0	1		NC	20170314
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170314
Nitrate as N	Water	METHOD	300	DUP	0.442	0.05		1	20170314
Sulfate	Water	METHOD	300	DUP	1.77	0.1		1	20170314
Turbidity Lab	Water	NONE	180.1	DUP	0.18	0.1		3	20170314
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170314
Chloride	Water	METHOD	300	MS	4.7	2	117		20170314
Nitrate as N	Water	METHOD	300	MS	4.65	0.1	105		20170314
Sulfate	Water	METHOD	300	MS	5.87	0.2	102		20170314
Chloride	Water	METHOD	300	DMS	4.8	2	119	1	20170314
Nitrate as N	Water	METHOD	300	DMS	4.73	0.1	107	2	20170314
Sulfate	Water	METHOD	300	DMS	5.93	0.2	104	1	20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.2	2.5	92		20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.7	1	94		20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	2.5	96		20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.1	99		20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.7	2.5	97		20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	1	95		20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.2	0.16	96		20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	1	93		20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	0.1	94		20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	2.5	97		20170314
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.9	1		8	20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170314

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	993	50	99		20170314
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.5	2.5	95		20170314
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	101	1	97		20170314
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.6	2.5	97		20170314
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	0.1	99		20170314
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.1	2.5	101		20170314
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	1	99		20170314
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.5	0.16	97		20170314
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.5	1	102		20170314
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	1	97		20170314
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.6	1	95		20170314
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	97		20170314
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.2	2.5	101		20170314
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170314
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170314
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170314
Mercury Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170314
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170314
Hardness, Total	Water	NONE	2340-B	DUP	16.5	1		5	20170314
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170315
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170315
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170315
Chloride	Water	METHOD	300	MB	<1.0	1			20170315
Color	Water	NONE	2120-B	MB	<5.0	5			20170315
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170315
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170315
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170315
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170315
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170315
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170315
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	192	5	99		20170315
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.1	0.5	105		20170315
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170315
Color	Water	NONE	2120-B	LCS	35	5	100		20170315
Nitrate as N	Water	METHOD	300	LCS	2.41	0.05	96		20170315
Sulfate	Water	METHOD	300	LCS	4.92	0.1	98		20170315

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170315
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170315
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170315
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170315
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.2	2.5	92		20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.7	1	94		20170315
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	2.5	96		20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.1	99		20170315
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.7	2.5	97		20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	1	95		20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.2	0.16	96		20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	1	93		20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	0.1	94		20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	2.5	97		20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.3	1		27	20170315
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170315
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	97.3	1	89		20170315
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50	2.5	100		20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	0.1	100		20170315
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.6	2.5	96		20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	1	96		20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.7	0.16	97		20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.2	1	93		20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.1	1	93		20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48	1	96		20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.6	0.1	93		20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	2.5	100		20170315
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170315
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170315
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170315
Mercury Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170315
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170315
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170224
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170224
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170224
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170224
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170224
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170314
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17.1	0.5	105		20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170228
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170228
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170228
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170228
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170228
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170313
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170313
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170315
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170315
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170315

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chloride	Water	METHOD	300	MB	<1.0	1			20170315
Color	Water	NONE	2120-B	MB	<5.0	5			20170315
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170315
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170315
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170315
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170315
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170315
Chloride	Water	METHOD	300	MB	<1.0	1			20170315
Total Suspended Solids	Water	NONE	2540-D	MB	<2.5	2.5			20170315
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170315
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170315
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170315
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	191	5	98		20170315
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170315
Chloride	Water	METHOD	300	LCS	4.84	1	97		20170315
Color	Water	NONE	2120-B	LCS	35	5	100		20170315
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170315
Sulfate	Water	METHOD	300	LCS	4.97	0.1	99		20170315
Turbidity Lab	Water	NONE	180.1	LCS	6.81	0.1	105		20170315
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170315
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170315
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170315
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	38	5		1	20170315
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170315
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170315
Turbidity Lab	Water	NONE	180.1	DUP	0.26	0.1		16	20170315
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170315
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.06	0.1	103		20170315
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.02	0.1	101	2	20170315
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170315
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170315
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170315
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2710	50	109		20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.5	1	94		20170315
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.5	2.5	95		20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	0.1	96		20170315
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	0.16	93		20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.9	1	92		20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	0.1	95		20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	2.5	99		20170315
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.9	2.5	99		20170315
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	16100	1000		3	20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.6	1		27	20170315
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170315
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170315
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170315
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	27000	1000	105		20170315

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1100	50	110		20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	105	1	95		20170315
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	53.7	2.5	107		20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	0.1	104		20170315
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.6	2.5	106		20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.8	1	111		20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.7	0.16	101		20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.7	1	107		20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.5	1	102		20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51	1	102		20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	0.1	102		20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.4	2.5	106		20170315
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.2	2.5	102		20170315
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170315
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170315
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170315
Mercury Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170315
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170315
Hardness, Total	Water	NONE	2340-B	DUP	47.3	1		2	20170315
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170315
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170315
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170315
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.9	0.5	104		20170315
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170315
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170315
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170315
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2710	50	109		20170315

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	105		20170315
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13600	1000	109		20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.5	1	94		20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	0.02	96		20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	0.16	93		20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	2.5	99		20170315
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170315
Hardness, Total	Water	NONE	2340-B	DUP	107	1		3	20170315
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170315
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170303
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170303
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170303
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170303
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170303
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170303
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170303
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170303
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170303
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170303
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170303
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170315
Chloride	Water	METHOD	300	MB	<1.0	1			20170315
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170315
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170315
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170315
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.9	0.5	104		20170315
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170315
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170315
Sulfate	Water	METHOD	300	LCS	4.82	0.1	96		20170315
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	0.053	0.05			20170315

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170315
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2710	50	109		20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.5	1	94		20170315
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	0.05	97		20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	0.02	96		20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.6	0.16	93		20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.9	1	92		20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	0.1	95		20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	2.5	99		20170315
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.9	2.5	99		20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	210	50		5	20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.4	1		11	20170315
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.4	0.05		4	20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.049	0.02		59	20170315
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	21.4	1		3	20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170315
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1290	50	109		20170315
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	103	1	93		20170315
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	112	0.05	101		20170315
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	0.02	99		20170315

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	102		20170315
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.2	0.16	96		20170315
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.3	1	102		20170315
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.2	1	97		20170315
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.4	1	103		20170315
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	0.1	95		20170315
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.2	2.5	101		20170315
Mercury Total	Water	METHOD	1631	MB	<1	1			20170315
Mercury Total	Water	METHOD	1631	MB	<1	1			20170315
Mercury Total	Water	METHOD	1631	MB	<1	1			20170315
Mercury Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170315
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170315
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170315
Hardness, Total	Water	NONE	2340-B	DUP	209	1		6	20170315
Hardness, Total	Water	NONE	2340-B	DUP	143	1		1	20170315
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170307
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.9	0.5	104		20170307
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.87	0.1		1	20170307
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.95	0.1	104		20170307
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.93	0.1	103	1	20170307
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170303
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170303
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170303
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170307
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17	0.5	105		20170307
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.44	0.1		1	20170307
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.48	0.1	103		20170307
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.46	0.1	102	1	20170307
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170303
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170303
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170303
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170303
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170303
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170315
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17	0.5	105		20170315
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170307

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	17	0.5	105		20170307
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170323
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170323
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170323
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170323
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170323
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170323
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170323
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170323
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170323
Turbidity Lab	Water	NONE	180.1	LCS	5.91	0.1	91		20170323
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170323
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.77	0.1		3	20170323
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.7	0.1	94		20170323
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.67	0.1	93	1	20170323
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170323
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170323
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<4.0	4			20170323
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170323
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170323
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170323
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	105	4	105		20170323

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.9	2.5	96		20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170323
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170323
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	0.16	96		20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	1	96		20170323
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48	1	96		20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	8.9	2.5	89		20170323
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	74400	1000		2	20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	157	50		5	20170323
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	5600	1000		3	20170323
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	45100	1000		3	20170323
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	82200	1000	92		20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1150	50	100		20170323
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	15600	1000	101		20170323
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	54100	1000	101		20170323
Mercury Total	Water	METHOD	1631	MB	<1	1			20170323
Mercury Total	Water	METHOD	1631	MB	<1	1			20170323
Mercury Total	Water	METHOD	1631	MB	<1	1			20170323
Mercury Total	Water	METHOD	1631	MS	51.9	1	104		20170323
Mercury Total	Water	METHOD	1631	DMS	51.1	1	102	2	20170323
Mercury Total	Water	METHOD	1631	QCS	5.15	0.5	103		20170323
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170323
Hardness, Total	Water	NONE	2340-B	DUP	209	1		2	20170323
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170323
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	117	1		3	20170323
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170323
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170323
Chloride	Water	METHOD	300	MB	<1.0	1			20170323
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170323
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170323
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170323
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170323

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170323
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170323
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170323
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170323
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170323
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170323
Sulfate	Water	METHOD	300	LCS	4.61	0.1	92		20170323
Turbidity Lab	Water	NONE	180.1	LCS	5.91	0.1	91		20170323
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170323
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170323
Total Dissolved Solids	Water	NONE	2540-C	DUP	696	10		1	20170323
Total Suspended Solids	Water	NONE	2540-D	DUP	4.4	4		1	20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<4.0	4			20170323
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170323
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	105	4	105		20170323
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.9	2.5	96		20170323
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	98	0.05	98		20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170323
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170323
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	0.16	96		20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	1	96		20170323

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48	1	96		20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	8.9	2.5	89		20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	122	50		6	20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.7	4		4	20170323
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170323
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.7	0.05		2	20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170323
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170323
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	22.9	1		1	20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170323
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1110	50	98		20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	106	4	100		20170323
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49	2.5	98		20170323
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	108	0.05	95		20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	0.02	99		20170323
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.8	2.5	98		20170323
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.6	1	92		20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.4	0.16	93		20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.3	1	94		20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.7	1	91		20170323
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.9	1	100		20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.7	0.1	85		20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.2	2.5	97		20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	8.7	2.5	87		20170323
Mercury Total	Water	METHOD	1631	MB	<1	1			20170323
Mercury Total	Water	METHOD	1631	MB	<1	1			20170323
Mercury Total	Water	METHOD	1631	MB	<1	1			20170323
Mercury Total	Water	METHOD	1631	QCS	5.15	0.5	103		20170323

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170323
Hardness, Total	Water	NONE	2340-B	DUP	206	1		6	20170323
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170309
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170309
Total Suspended Solids	Water	NONE	2540-D	LCS	436	20	102		20170309
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170309
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170309
Total Suspended Solids	Water	NONE	2540-D	LCS	436	20	102		20170309
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170309
Total Dissolved Solids	Water	NONE	2540-C	MB	<4.0	4			20170310
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	8	98		20170310
Total Dissolved Solids	Water	NONE	2540-C	MB	<4.0	4			20170310
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	8	98		20170310
Total Dissolved Solids	Water	NONE	2540-C	DUP	429	4		2	20170310
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170320
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170320
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170320
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170320
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170320
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170320
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170320
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170320
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170320
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170320
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170310
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170310
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170310
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170310
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170310
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170406
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170406
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170406
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170406
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170406
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170406
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20170406

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Phosphor	Water	METHOD	365.3	MB	<0.010	0.01			20170406
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170406
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170406
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170406
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170406
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170406
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170406
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170406
Total Organic Carbon	Water	NONE	5310-C	LCS	26.6	0.5	111		20170406
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	116	5	96		20170406
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170406
Nitrite as N	Water	METHOD	300	LCS	2.36	0.05	94		20170406
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.46	0.2	87		20170406
Total Recoverable Phosphor	Water	METHOD	365.3	LCS	9.14	0.1	106		20170406
Total Organic Carbon	Water	NONE	5310-C	LCS	26.3	0.5	110		20170406
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	115	5	95		20170406
Total Organic Carbon	Water	NONE	5310-C	LCS	26.3	0.5	110		20170406
Chlorophyll A	Water	NONE	10200 H	LCS	4220	110	101		20170406
Chlorophyll A	Water	NONE	10200 H	LCS	4170	110	99		20170406
Chlorophyll A	Water	NONE	10200 H	DLCS	4140	110	99	2	20170406
Chlorophyll A	Water	NONE	10200 H	DLCS	4140	110	99	1	20170406
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	3.29	0.1		1	20170406
Total Organic Carbon	Water	NONE	5310-C	DUP	4.29	0.5		4	20170406
Chemical Oxygen Demand	Water	NONE	5220-C	DUP	10.5	5		4	20170406
Total Recoverable Phosphor	Water	METHOD	365.3	DUP	<0.010	0.01		NC	20170406
Total Organic Carbon	Water	NONE	5310-C	DUP	3.42	0.5		2	20170406
Total Organic Carbon	Water	NONE	5310-C	DUP	3.18	0.5		10	20170406
Total Organic Carbon	Water	NONE	5310-C	DUP	2.75	0.5		5	20170406
Total Organic Carbon	Water	NONE	5310-C	DUP	2.74	0.5		7	20170406
Ammonia as N	Water	METHOD	4500-NH3 G	MS	13.1	0.5	97		20170406
Total Organic Carbon	Water	NONE	5310-C	MS	31.9	0.5	110		20170406
Chemical Oxygen Demand	Water	NONE	5220-C	MS	106	13	95		20170406
Total Recoverable Phosphor	Water	METHOD	365.3	MS	0.541	0.01	106		20170406
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	13.1	0.5	98	1	20170406
Chemical Oxygen Demand	Water	NONE	5220-C	DMS	109	13	98	2	20170406
Total Recoverable Phosphor	Water	METHOD	365.3	DMS	0.517	0.01	101	5	20170406

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170406
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170406
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20170406
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10200	40	102		20170406
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170323
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170323
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170323
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170323
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170323
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170323
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170323
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170323
Turbidity Lab	Water	NONE	180.1	LCS	6.86	0.1	105		20170323
Total Dissolved Solids	Water	NONE	2540-C	DUP	417	10		3	20170323
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170323
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170323
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<4.0	4			20170323
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170323
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170323
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170323
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	105	4	105		20170323
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.9	2.5	96		20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170323

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	0.16	96		20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	1	96		20170323
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48	1	96		20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	8.9	2.5	89		20170323
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170323
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170323
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170323
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170323
Chloride	Water	METHOD	300	MB	<1.0	1			20170323
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170323
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170323
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170323
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170323
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170323
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170323
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170323
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170323
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170323
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170323
Sulfate	Water	METHOD	300	LCS	4.62	0.1	92		20170323
Turbidity Lab	Water	NONE	180.1	LCS	6.86	0.1	105		20170323
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170323
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<4.0	4			20170323
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170323
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170323
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170323
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	105	4	105		20170323
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.9	2.5	96		20170323
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	98	0.05	98		20170323
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170323
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170323
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	0.16	96		20170323
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170323
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	1	96		20170323
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48	1	96		20170323
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170323
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170323
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	8.9	2.5	89		20170323
Mercury Total	Water	METHOD	1631	MB	<1	1			20170323
Mercury Total	Water	METHOD	1631	MB	<1	1			20170323
Mercury Total	Water	METHOD	1631	MB	<1	1			20170323
Mercury Total	Water	METHOD	1631	QCS	5.24	0.5	105		20170323
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170323
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170314
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170314
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170314
Total Suspended Solids	Water	NONE	2540-D	LCS	436	20	102		20170314
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170314
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170327
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170327
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170329
Chloride	Water	METHOD	300	MB	<1.0	1			20170329
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170329
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170329
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170329

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.2	0.5	100		20170329
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170329
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170329
Sulfate	Water	METHOD	300	LCS	4.75	0.1	95		20170329
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170329
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170329
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170329
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170329
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170329
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170329
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170329
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170329
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170329
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170329
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170329
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170329
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170329
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.6	2.5	106		20170329
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170329
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	111	1	111		20170329
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	106	0.05	106		20170329
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170329
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170329
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	0.16	104		20170329
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.3	1	105		20170329
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	1	106		20170329
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.5	1	107		20170329
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20170329
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170329
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170329
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	107	50		4	20170329
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.5	1		8	20170329
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.1	0.05		1	20170329
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170329
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170329
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170329

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	29.8	1		2	20170329
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170329
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170329
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170329
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170329
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	11.1	2.5	111		20170329
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1150	50	105		20170329
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	115	1	108		20170329
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	121	0.05	108		20170329
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26	0.02	104		20170329
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13	1	104		20170329
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.9	0.16	102		20170329
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	57.1	1	107		20170329
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26	1	104		20170329
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	54.1	1	108		20170329
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	0.1	100		20170329
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.2	2.5	105		20170329
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170329
Hardness, Total	Water	NONE	2340-B	DUP	227	1		1	20170329
Mercury Total	Water	METHOD	1631	MB	<1	1			20170329
Mercury Total	Water	METHOD	1631	MB	<1	1			20170329
Mercury Total	Water	METHOD	1631	MB	<1	1			20170329
Mercury Total	Water	METHOD	1631	MS	50.6	1	101		20170329
Mercury Total	Water	METHOD	1631	DMS	51	1	102	1	20170329
Mercury Total	Water	METHOD	1631	QCS	5.02	0.5	100		20170329
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170329
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170329
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170329
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.2	0.5	100		20170329
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170329
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170329
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170329
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170329
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170329
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170329
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170329

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170329
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170329
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170329
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170329
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170329
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170329
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13100	1000	105		20170329
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170329
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170329
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170329
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	111	1	111		20170329
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170329
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170329
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	0.16	104		20170329
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.3	1	105		20170329
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	1	106		20170329
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170329
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170329
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170329
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170320
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170320
Total Dissolved Solids	Water	NONE	2540-C	DUP	389	10		3	20170320
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170320
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170320
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170320
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170320
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170320
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170320
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170320
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170329
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170329
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.2	0.5	100		20170329
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16	0.5	99		20170329
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.54	0.1		4	20170329
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.5	0.1	95		20170329
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.46	0.1	93	2	20170329

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<2.5	2.5			20170321
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170321
Total Suspended Solids	Water	NONE	2540-D	MB	<2.5	2.5			20170321
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170321
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170329
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16	0.5	99		20170329
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170403
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170403
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170403
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170403
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170403
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170403
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170403
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170403
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16	0.5	99		20170403
Turbidity Lab	Water	NONE	180.1	LCS	6.54	0.1	100		20170403
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20170403
Turbidity Lab	Water	NONE	180.1	LCS	6.79	0.1	104		20170403
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170403
Nitrate as N	Water	METHOD	300	DLCS	2.38	0.05	95	1	20170403
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.35	0.1		2	20170403
Total Suspended Solids	Water	NONE	2540-D	DUP	94.4	4		2	20170403
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.34	0.1	101		20170403
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.34	0.1	100	1	20170403
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170403
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170403
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170403
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170403
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170403
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170403
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170403
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170403
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170403
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170403
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170403
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13100	1000	105		20170403

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170403
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170403
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170403
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	111	1	111		20170403
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170403
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170403
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	0.16	104		20170403
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.3	1	105		20170403
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	1	106		20170403
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170403
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170403
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170403
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170419
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170419
Chloride	Water	METHOD	300	MB	<1.0	1			20170419
Conductivity	Water	NONE	2510	MB	<5.0	5			20170419
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170419
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170419
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170419
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170419
Conductivity	Water	NONE	2510	MB	<5.0	5			20170419
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170419
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170419
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16	0.5	99		20170419
Conductivity	Water	NONE	2510	LCS	239	5	102		20170419
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170419
Sulfate	Water	METHOD	300	LCS	4.88	0.1	98		20170419
Turbidity Lab	Water	NONE	180.1	LCS	6.54	0.1	100		20170419
Turbidity Lab	Water	NONE	180.1	LCS	6.79	0.1	104		20170419
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170419
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170419
Nitrite as N	Water	METHOD	300	LCS	2.44	0.05	98		20170419
Chloride	Water	METHOD	300	DLCS	4.8	1	96	1	20170419
Nitrate as N	Water	METHOD	300	DLCS	2.38	0.05	95	1	20170419
Nitrite as N	Water	METHOD	300	DLCS	2.44	0.05	98	1	20170419
Conductivity	Water	NONE	2510	DUP	1130	5		1	20170419

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170419
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170419
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170419
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170419
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170419
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170419
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.6	2.5	106		20170419
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5200	10	104		20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170419
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.5	2.5	105		20170419
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170419
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170419
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	0.16	104		20170419
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.3	1	105		20170419
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	1	106		20170419
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.5	1	107		20170419
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20170419
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170419
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.72	0.2	94		20170419
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2		0	20170419
Total Recoverable Mercury	Water	METHOD	7470-A	MS	4.52	0.2	90		20170419
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170419
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170323
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170323
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170323
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170323
Total Dissolved Solids	Water	NONE	2540-C	DUP	419	10		1	20170323
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170323
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170323

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170323
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170323
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170323
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170329
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16	0.5	99		20170329
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.64	0.1		1	20170329
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.64	0.1	100		20170329
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.61	0.1	98	2	20170329
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170328
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170328
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170328
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170328
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170328
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170407
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170407
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170411
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170411
Chloride	Water	METHOD	300	MB	<1.0	1			20170411
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170411
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170411
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170411
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170411
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170411
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170411
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170411
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	100		20170411
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170411
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170411
Sulfate	Water	METHOD	300	LCS	4.78	0.1	96		20170411
Turbidity Lab	Water	NONE	180.1	LCS	6.01	0.1	92		20170411
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170411
Total Dissolved Solids	Water	NONE	2540-C	DUP	378	10		2	20170411
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170411
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170411
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170411
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<400	400			20170411

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170411
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170411
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170411
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170411
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170411
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170411
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20170411
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20170411
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	100		20170411
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	400	103		20170411
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.1	1	94		20170411
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97.7	0.05	98		20170411
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	0.02	99		20170411
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20170411
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	0.16	100		20170411
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170411
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	97		20170411
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	1	102		20170411
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170411
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170411
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.5	2.5	95		20170411
Mercury Total	Water	METHOD	1631	MB	<1	1			20170411
Mercury Total	Water	METHOD	1631	MB	<1	1			20170411
Mercury Total	Water	METHOD	1631	MB	<1	1			20170411
Mercury Total	Water	METHOD	1631	QCS	5.5	0.5	110		20170411
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170411
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170411
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170407
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170407
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170407
Chloride	Water	METHOD	300	MB	<1.0	1			20170407

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Color	Water	NONE	2120-B	MB	<5.0	5			20170407
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170407
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170407
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170407
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170407
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170407
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170407
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170407
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170407
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170407
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	195	5	101		20170407
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	100		20170407
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170407
Color	Water	NONE	2120-B	LCS	35	5	100		20170407
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170407
Sulfate	Water	METHOD	300	LCS	4.78	0.1	96		20170407
Turbidity Lab	Water	NONE	180.1	LCS	6.01	0.1	92		20170407
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170407
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170407
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170407
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	47	5		1	20170407
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1			20170407
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4			20170407
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4			20170407
Total Dissolved Solids	Water	NONE	2540-C	DUP	281	10		1	20170407
Color	Water	NONE	2120-B	DUP	20	5		1	20170407
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.05	0.1	103		20170407
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.03	0.1	101	2	20170407
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170407
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170407
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170407
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<400	400			20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170407
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170407
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170407

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170407
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170407
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20170407
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20170407
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	100		20170407
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	400	103		20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.1	1	94		20170407
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	2.5	100		20170407
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	0.02	99		20170407
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170407
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	0.16	100		20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	97		20170407
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	1	102		20170407
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170407
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.5	2.5	95		20170407
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	19500	1000		2	20170407
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170407
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	2100	1000		2	20170407
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1740	400		1	20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.7	1		1	20170407
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170407
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.03	0.02		28	20170407
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170407
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170407

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170407
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170407
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	29400	1000	103		20170407
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	969	50	97		20170407
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11700	1000	96		20170407
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11500	400	98		20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	95.9	1	90		20170407
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.6	2.5	99		20170407
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	0.02	97		20170407
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.9	2.5	99		20170407
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	1	99		20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49	0.16	98		20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	1	100		20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.9	1	96		20170407
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.9	1	100		20170407
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.1	0.1	97		20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	2.5	98		20170407
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170407
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170407
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170407
Mercury Total	Water	METHOD	1631	QCS	5.5	0.5	110		20170407
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170407
Hardness, Total	Water	NONE	2340-B	DUP	57.3	1		2	20170407
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170407
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	11.9	1		2	20170407
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170407
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170407
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170407
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	100		20170407
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170407
Turbidity Lab	Water	NONE	180.1	LCS	6.01	0.1	92		20170407
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170407
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170407
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<400	400			20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170407
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170407
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20170407
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	100		20170407
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	400	103		20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.1	1	94		20170407
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	0.02	99		20170407
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	0.16	100		20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	97		20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170407
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170407
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170407
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170330
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170330
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170330
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170330
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170330
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170330
Total Dissolved Solids	Water	NONE	2540-C	DUP	409	10		7	20170330
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170330
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170330
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170330
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170330
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170330
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170330
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170330
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170330
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170407
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	100		20170407
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.47	0.1		1	20170407

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.43	0.1	98		20170407
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.41	0.1	96	2	20170407
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170407
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	100		20170407
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170411
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170411
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170411
Chloride	Water	METHOD	300	MB	<1.0	1			20170411
Color	Water	NONE	2120-B	MB	<5.0	5			20170411
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170411
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170411
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170411
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170411
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170411
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170411
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170411
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	195	5	101		20170411
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	100		20170411
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170411
Color	Water	NONE	2120-B	LCS	35	5	100		20170411
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170411
Sulfate	Water	METHOD	300	LCS	4.76	0.1	95		20170411
Turbidity Lab	Water	NONE	180.1	LCS	6.01	0.1	92		20170411
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170411
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170411
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170411
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170411
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170411
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170411
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170411
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170411
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170411
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170411
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170411
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170411
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170411
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	8.7	2.5	87		20170411
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	1	101		20170411
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	2.5	102		20170411
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.1	102		20170411
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.5	2.5	105		20170411
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	103		20170411
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	0.16	101		20170411
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	1	99		20170411
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	1	103		20170411
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	1	101		20170411
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	0.1	101		20170411
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.3	2.5	105		20170411
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170411
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170411
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11	1		2	20170411
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170411
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170411
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170411
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170411
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170411
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.7	1		4	20170411
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170411
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170411
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170411
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170411
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1030	50	103		20170411
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.1	2.5	91		20170411
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	110	1	99		20170411
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.2	2.5	104		20170411
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	0.1	103		20170411
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.2	2.5	102		20170411
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.3	1	106		20170411

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.1	0.16	102		20170411
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.5	1	99		20170411
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	1	101		20170411
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.8	1	104		20170411
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	0.1	100		20170411
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.1	2.5	104		20170411
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170411
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170411
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170411
Mercury Total	Water	METHOD	1631	QCS	5.5	0.5	110		20170411
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170411
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170331
Total Suspended Solids	Water	NONE	2540-D	LCS	434	20	101		20170331
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170331
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170331
Total Suspended Solids	Water	NONE	2540-D	LCS	434	20	101		20170331
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170407
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170407
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170407
Chloride	Water	METHOD	300	MB	<1.0	1			20170407
Color	Water	NONE	2120-B	MB	<5.0	5			20170407
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170407
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170407
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170407
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170407
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170407
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170407
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170407
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	195	5	101		20170407
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	100		20170407
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170407
Color	Water	NONE	2120-B	LCS	35	5	100		20170407
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170407
Sulfate	Water	METHOD	300	LCS	4.76	0.1	95		20170407
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170407
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170407

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	40.6	5		1	20170407
Chloride	Water	METHOD	300	DUP	2.6	2		1	20170407
Nitrate as N	Water	METHOD	300	DUP	0.79	0.1		1	20170407
Sulfate	Water	METHOD	300	DUP	10.9	0.2		1	20170407
Chloride	Water	METHOD	300	MS	12.3	5	96		20170407
Nitrate as N	Water	METHOD	300	MS	11	0.25	102		20170407
Sulfate	Water	METHOD	300	MS	20.3	0.5	93		20170407
Chloride	Water	METHOD	300	DMS	12.2	5	96	1	20170407
Nitrate as N	Water	METHOD	300	DMS	11.2	0.25	104	1	20170407
Sulfate	Water	METHOD	300	DMS	20.4	0.5	94	1	20170407
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170407
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170407
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170407
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170407
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170407
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170407
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170407
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	8.7	2.5	87		20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	1	101		20170407
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	2.5	102		20170407
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.1	102		20170407
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.5	2.5	105		20170407
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	103		20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	0.16	101		20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	1	99		20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	1	103		20170407
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	1	101		20170407
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	0.1	101		20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.3	2.5	105		20170407

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	12	1		3	20170407
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170407
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170407
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170407
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.3	1		6	20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170407
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170407
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170407
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1010	50	101		20170407
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	106	1	94		20170407
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.2	2.5	98		20170407
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	0.1	99		20170407
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10	2.5	100		20170407
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.9	1	103		20170407
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.9	0.16	98		20170407
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.4	1	96		20170407
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	1	99		20170407
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.8	1	100		20170407
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	98		20170407
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.7	2.5	103		20170407
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170407
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170407
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170407
Mercury Dissolved	Water	METHOD	1631	MS	57.3	1	115		20170407
Mercury Dissolved	Water	METHOD	1631	DMS	57.4	1	115	1	20170407
Mercury Total	Water	METHOD	1631	QCS	5.61	0.5	112		20170407
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170407
Hardness, Total	Water	NONE	2340-B	DUP	50.4	1		1	20170407
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170404
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170404
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170404
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170404

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170404
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170407
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	100		20170407
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170411
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170411
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.8	0.5	97		20170411
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170411
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170406
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170406
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170406
Total Dissolved Solids	Water	NONE	2540-C	DUP	423	10		1	20170406
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170406
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170406
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170406
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170406
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170406
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170406
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170406
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170406
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170411
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170411
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.8	0.5	97		20170411
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170411
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170419
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170419
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170419
Chloride	Water	METHOD	300	MB	<1.0	1			20170419
Conductivity	Water	NONE	2510	MB	<5.0	5			20170419
Fluoride	Water	METHOD	300	MB	<0.10	0.1			20170419
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170419
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170419
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170419
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170419
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170419
Conductivity	Water	NONE	2510	MB	<5.0	5			20170419
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170419

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170419
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	123	5	99		20170419
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.8	0.5	97		20170419
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170419
Conductivity	Water	NONE	2510	LCS	241	5	103		20170419
Fluoride	Water	METHOD	300	LCS	4.83	0.1	97		20170419
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170419
pH lab	Water	NONE	4500-H-B	LCS	7.66		99		20170419
Sulfate	Water	METHOD	300	LCS	4.76	0.1	95		20170419
Turbidity Lab	Water	NONE	180.1	LCS	7.12	0.1	109		20170419
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170419
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	42	5		1	20170419
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.32	0.1		2	20170419
Total Dissolved Solids	Water	NONE	2540-C	DUP	355	10		1	20170419
Total Suspended Solids	Water	NONE	2540-D	DUP	21.2	4		1	20170419
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.26	0.1	99		20170419
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.25	0.1	98	1	20170419
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<30	30			20170419
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170419
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170419
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170419
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170419
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170419
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170419
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170419
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	509	30	102		20170419

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170419
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170419
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20170419
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20170419
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	102	1	102		20170419
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	2.5	96		20170419
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170419
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170419
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170419
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.6	0.16	95		20170419
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170419
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170419
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	1	97		20170419
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	98		20170419
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170419
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.8	2.5	98		20170419
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	52	30		2	20170419
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	60300	1000		1	20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	101	50		2	20170419
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	5500	1000		1	20170419
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	18700	1000		3	20170419
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	42500	1000		3	20170419
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.9	2.5		4	20170419
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	503	30	90		20170419
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	69300	1000	90		20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1070	50	97		20170419
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14700	1000	92		20170419
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	27900	1000	87		20170419
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	50800	1000	69		20170419
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.4	2.5	104		20170419
Mercury Total	Water	METHOD	1631	MB	<1	1			20170419
Mercury Total	Water	METHOD	1631	MB	<1	1			20170419
Mercury Total	Water	METHOD	1631	MB	<1	1			20170419
Mercury Total	Water	METHOD	1631	MS	50.5	1	101		20170419
Mercury Total	Water	METHOD	1631	DMS	50.7	1	101	1	20170419

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170419
Mercury Total	Water	METHOD	1631	MB	<1	1			20170419
Mercury Total	Water	METHOD	1631	MB	<1	1			20170419
Mercury Total	Water	METHOD	1631	MB	<1	1			20170419
Mercury Total	Water	METHOD	1631	MS	50.5	1	101		20170419
Mercury Total	Water	METHOD	1631	DMS	50.7	1	101	1	20170419
Mercury Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170419
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170419
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	110	1		3	20170419
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170419
Hardness, Total	Water	NONE	2340-B	DUP	173	1		1	20170419
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170424
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170424
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170424
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170424
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170424
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.8	0.5	104		20170424
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170424
Turbidity Lab	Water	NONE	180.1	LCS	7.12	0.1	109		20170424
Total Dissolved Solids	Water	NONE	2540-C	DUP	454	10		3	20170424
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.71	0.1		1	20170424
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.72	0.1	99		20170424
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.71	0.1	98	1	20170424
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170424
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170424
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170424
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170424
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170424
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170424
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170424
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170424

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170424
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170424
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170424
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170424
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20170424
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	102	1	102		20170424
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	2.5	96		20170424
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170424
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170424
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170424
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.6	0.16	95		20170424
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170424
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170424
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	1	97		20170424
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	98		20170424
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170424
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.8	2.5	98		20170424
Mercury Total	Water	METHOD	1631	MB	<1	1			20170424
Mercury Total	Water	METHOD	1631	MB	<1	1			20170424
Mercury Total	Water	METHOD	1631	MB	<1	1			20170424
Mercury Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170424
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170424
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170424
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170419
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170419
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170419
Chloride	Water	METHOD	300	MB	<1.0	1			20170419
Conductivity	Water	NONE	2510	MB	<5.0	5			20170419
Fluoride	Water	METHOD	300	MB	<0.10	0.1			20170419
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170419
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170419
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170419
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170419
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170419
Conductivity	Water	NONE	2510	MB	<5.0	5			20170419
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170419

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170419
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	123	5	99		20170419
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.8	0.5	97		20170419
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170419
Conductivity	Water	NONE	2510	LCS	241	5	103		20170419
Fluoride	Water	METHOD	300	LCS	4.83	0.1	97		20170419
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170419
pH lab	Water	NONE	4500-H-B	LCS	7.66		99		20170419
Sulfate	Water	METHOD	300	LCS	4.76	0.1	95		20170419
Turbidity Lab	Water	NONE	180.1	LCS	7.12	0.1	109		20170419
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170419
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<30	30			20170419
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170419
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170419
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170419
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170419
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170419
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170419
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170419
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170419
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170419
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170419
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	509	30	102		20170419
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170419
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170419
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20170419
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20170419

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	102	1	102		20170419
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	2.5	96		20170419
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	98.4	0.05	98		20170419
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170419
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170419
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170419
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.6	0.16	95		20170419
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170419
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170419
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	1	97		20170419
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	98		20170419
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170419
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.8	2.5	98		20170419
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<30	30		0	20170419
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	76500	1000		5	20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	445	50		5	20170419
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4300	1000		5	20170419
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	12900	1000		2	20170419
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	20500	1000		3	20170419
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.8	1		3	20170419
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170419
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14	0.05		2	20170419
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170419
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170419
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170419
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170419
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	29.5	1		1	20170419
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170419
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170419
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170419
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170419
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	491	30	98		20170419
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	82600	1000	98		20170419
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1420	50	100		20170419
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14000	1000	99		20170419
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	22600	1000	100		20170419

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	30200	1000	103		20170419
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	114	1	102		20170419
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.1	2.5	98		20170419
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	116	0.05	102		20170419
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.9	0.02	96		20170419
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.2	2.5	102		20170419
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.9	1	103		20170419
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.7	0.16	95		20170419
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	54.8	1	101		20170419
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	1	101		20170419
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48	1	96		20170419
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	98		20170419
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	2.5	100		20170419
Mercury Total	Water	METHOD	1631	MB	<1	1			20170419
Mercury Total	Water	METHOD	1631	MB	<1	1			20170419
Mercury Total	Water	METHOD	1631	MB	<1	1			20170419
Mercury Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170419
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170419
Hardness, Total	Water	NONE	2340-B	DUP	208	1		4	20170419
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170407
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.8	0.5	97		20170407
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.66	0.1		2	20170407
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.62	0.1	96		20170407
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.6	0.1	95	1	20170407
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170411
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170411
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170411
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170411
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170411
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170418
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.3	0.5	95		20170418
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.07	0.1		1	20170418
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.02	0.1	97		20170418
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.03	0.1	98	1	20170418
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170413
Total Suspended Solids	Water	NONE	2540-D	LCS	434	20	101		20170413

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170413
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170413
Total Suspended Solids	Water	NONE	2540-D	LCS	434	20	101		20170413
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170413
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170413
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170413
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170413
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170413
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170413
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170413
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.7	0.5	97		20170413
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170413
Turbidity Lab	Water	NONE	180.1	LCS	5.94	0.1	91		20170413
Total Suspended Solids	Water	NONE	2540-D	LCS	434	20	101		20170413
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170413
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170413
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170413
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170413
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170413
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170413
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170413
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170413
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170413
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170413
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.9	1	95		20170413
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	0.02	100		20170413
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	102		20170413
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	0.16	100		20170413
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170413
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20170413
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	2.5	103		20170413
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20170413
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	97		20170413
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	99		20170413
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	65	1		1	20170413
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170413

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.6	1		5	20170413
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170413
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170413
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170413
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170413
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50		0	20170413
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1600	1000		1	20170413
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	5600	1000		1	20170413
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	168	1	104		20170413
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.1	0.02	96		20170413
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	14.4	1	101		20170413
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48	0.16	96		20170413
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	1	100		20170413
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	1	100		20170413
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.2	2.5	101		20170413
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1050	50	105		20170413
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11800	1000	102		20170413
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	15900	1000	104		20170413
Mercury Total	Water	METHOD	1631	MB	<1	1			20170413
Mercury Total	Water	METHOD	1631	MB	<1	1			20170413
Mercury Total	Water	METHOD	1631	MB	<1	1			20170413
Mercury Total	Water	METHOD	1631	MS	52	1	99		20170413
Mercury Total	Water	METHOD	1631	DMS	52.5	1	100	1	20170413
Mercury Total	Water	METHOD	1631	QCS	5.12	0.5	102		20170413
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170413
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	17.9	1		1	20170413
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170413
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170413
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170413
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170413
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170413
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170413
Total Dissolved Solids	Water	NONE	2540-C	DUP	383	10		4	20170413
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170424
Chloride	Water	METHOD	300	MB	<1.0	1			20170424
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170424

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170424
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170424
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170424
Chloride	Water	METHOD	300	LCS	4.7	1	95		20170424
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170424
Sulfate	Water	METHOD	300	LCS	4.66	0.1	93		20170424
Turbidity Lab	Water	NONE	180.1	LCS	5.94	0.1	91		20170424
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170424
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170424
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170424
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170424
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170424
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170424
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170424
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170424
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94	1	94		20170424
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	105	0.05	105		20170424
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	0.02	103		20170424
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	1	102		20170424
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	0.16	103		20170424
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	102		20170424
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	101		20170424
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.4	1	105		20170424
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170424
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	2.5	103		20170424
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.2	2.5	102		20170424
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	159	50		5	20170424
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.6	1		3	20170424
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	12.3	0.05		1	20170424
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170424
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170424

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170424
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.1	1		2	20170424
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170424
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170424
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170424
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170424
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5		0	20170424
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1190	50	104		20170424
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	101	1	91		20170424
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	120	0.05	108		20170424
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26	0.02	104		20170424
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.9	1	103		20170424
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.8	0.16	102		20170424
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	40.4	1	104		20170424
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.6	1	102		20170424
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	53.1	1	106		20170424
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	99		20170424
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.4	2.5	102		20170424
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.7	2.5	107		20170424
Mercury Total	Water	METHOD	1631	MB	<1	1			20170424
Mercury Total	Water	METHOD	1631	MB	<1	1			20170424
Mercury Total	Water	METHOD	1631	MB	<1	1			20170424
Mercury Total	Water	METHOD	1631	MS	52.3	1	105		20170424
Mercury Total	Water	METHOD	1631	DMS	51.7	1	103	1	20170424
Mercury Total	Water	METHOD	1631	QCS	5.18	0.5	104		20170424
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170424
Hardness, Total	Water	NONE	2340-B	DUP	220	1		3	20170424
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170425
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170425
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.73	0.1		3	20170425
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.74	0.1	98		20170425
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.71	0.1	97	1	20170425
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170425
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170425
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170425
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170425

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170425
Turbidity Lab	Water	NONE	180.1	LCS	5.94	0.1	91		20170425
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170425
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170425
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170425
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170425
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170425
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170425
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170425
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170425
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170425
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170425
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170425
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170425
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170425
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170425
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170425
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94	1	94		20170425
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	0.02	103		20170425
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	1	102		20170425
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	0.16	103		20170425
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	102		20170425
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	101		20170425
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	2.5	103		20170425
Mercury Total	Water	METHOD	1631	MB	<1	1			20170425
Mercury Total	Water	METHOD	1631	MB	<1	1			20170425
Mercury Total	Water	METHOD	1631	MB	<1	1			20170425
Mercury Total	Water	METHOD	1631	QCS	5.18	0.5	104		20170425
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170425
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170425
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170424
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170424
Chloride	Water	METHOD	300	MB	<1.0	1			20170424
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170424
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170424
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170424

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170424
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170424
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170424
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170424
Chloride	Water	METHOD	300	LCS	4.7	1	95		20170424
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170424
Sulfate	Water	METHOD	300	LCS	4.66	0.1	93		20170424
Turbidity Lab	Water	NONE	180.1	LCS	5.94	0.1	91		20170424
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170424
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170424
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170424
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170424
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170424
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170424
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170424
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170424
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170424
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170424
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170424
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170424
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170424
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170424
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170424
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170424
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94	1	94		20170424
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	105	0.05	105		20170424
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	0.02	103		20170424
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	1	102		20170424
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	0.16	103		20170424
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	102		20170424
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	101		20170424
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.4	1	105		20170424

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170424
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	2.5	103		20170424
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.2	2.5	102		20170424
Mercury Total	Water	METHOD	1631	MB	<1	1			20170424
Mercury Total	Water	METHOD	1631	MB	<1	1			20170424
Mercury Total	Water	METHOD	1631	MB	<1	1			20170424
Mercury Total	Water	METHOD	1631	QCS	5.18	0.5	104		20170424
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170424
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170424
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170414
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170414
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170414
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170414
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170414
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170414
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170414
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170426
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170426
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170426
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170426
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170426
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170426
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20170426
Total Recoverable Phosphor	Water	METHOD	365.3	MB	<0.010	0.01			20170426
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170426
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170426
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170426
Total Organic Carbon	Water	NONE	5310-C	LCS	23.6	0.5	98		20170426
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	119	5	99		20170426
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170426
Nitrite as N	Water	METHOD	300	LCS	2.39	0.05	96		20170426
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.96	0.2	104		20170426
Total Recoverable Phosphor	Water	METHOD	365.3	LCS	8.88	0.1	103		20170426
Chlorophyll A	Water	NONE	10200 H	LCS	4350	110	108		20170426
Chlorophyll A	Water	NONE	10200 H	DLCS	4090	110	101	6	20170426
Total Organic Carbon	Water	NONE	5310-C	DUP	4.42	0.5		2	20170426

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DUP	4.46	0.2		3	20170426
Total Organic Carbon	Water	NONE	5310-C	DUP	6.24	0.5		7	20170426
Total Organic Carbon	Water	NONE	5310-C	DUP	5.35	0.5		4	20170426
Total Organic Carbon	Water	NONE	5310-C	DUP	3.31	0.5		1	20170426
Total Organic Carbon	Water	NONE	5310-C	MS	32.5	0.5	112		20170426
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MS	24.2	0.2	98		20170426
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DMS	24.2	0.2	98	1	20170426
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170426
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170426
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170426
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10000	40	100		20170426
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	26700	1000		1	20170426
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	130000	40		1	20170426
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	37900	1000	113		20170426
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	142000	40	129		20170426
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170425
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170425
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.43	0.1		1	20170425
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.45	0.1	101		20170425
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.43	0.1	101	1	20170425
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170425
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170425
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170418
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170418
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170418
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170504
Chloride	Water	METHOD	300	MB	<1.0	1			20170504
Color	Water	NONE	2120-B	MB	<5.0	5			20170504
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170504
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170504
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20170504
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.7	0.5	103		20170504
Chloride	Water	METHOD	300	LCS	4.7	1	94		20170504
Color	Water	NONE	2120-B	LCS	35	5	100		20170504
Nitrate as N	Water	METHOD	300	LCS	2.36	0.05	94		20170504
Sulfate	Water	METHOD	300	LCS	4.67	0.1	93		20170504
Turbidity Lab	Water	NONE	180.1	LCS	6.94	0.1	107		20170504
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170504
Turbidity Lab	Water	NONE	180.1	LCS	6.44	0.1	99		20170504
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	30	5		1	20170504
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170504
Color	Water	NONE	2120-B	DUP	10	5		1	20170504
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170504
Turbidity Lab	Water	NONE	180.1	DUP	0.46	0.1		1	20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.01	0.1	100		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.98	0.1	99	1	20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.5	2.5	95		20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.1	1	93		20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.7	2.5	105		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.7	0.02	107		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.4	2.5	104		20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	1	102		20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.2	0.16	106		20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	1	100		20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.2	1	104		20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.02	104		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	11300	1000		6	20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1200	1000		6	20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1200	1000		4	20170504
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	37800	1000		15	20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4300	1000		14	20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	5000	1000		15	20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.4	1		5	20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.1	1		9	20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.4	1		9	20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.059	0.02		11	20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.1	2.5	111		20170504
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	22400	1000	104		20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1050	50	105		20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11600	1000	104		20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11700	1000	104		20170504
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	48600	1000	46		20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1000	50	100		20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14100	1000	91		20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14800	1000	90		20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	106	1	92		20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.5	2.5	97		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24	0.02	96		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.3	2.5	103		20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.9	1	101		20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.9	0.16	96		20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.5	1	102		20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	1	100		20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.6	1	95		20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.6	0.1	100		20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	2.5	101		20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	91.5	1	86		20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.2	2.5	98		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24	0.02	96		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.5	2.5	95		20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	94		20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.3	0.16	93		20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.8	1	95		20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.2	1	93		20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.5	1	95		20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.7	0.1	94		20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.2	2.5	97		20170504
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	0.02	100		20170504
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170504
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170504
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170504
Mercury Dissolved	Water	METHOD	1631	MS	50.8	1	102		20170504
Mercury Dissolved	Water	METHOD	1631	DMS	49.1	1	98	3	20170504
Mercury Total	Water	METHOD	1631	QCS	5.03	0.5	101		20170504
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170504
Hardness, Total	Water	NONE	2340-B	DUP	33.1	1		6	20170504
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170504
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	7.2	1		5	20170504
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170418
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170418
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170418
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170418
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170420
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170420
Total Suspended Solids	Water	NONE	2540-D	LCS	21.5	1	100		20170420
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.3	1	99	1	20170420
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170420
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170420
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170420
Total Suspended Solids	Water	NONE	2540-D	LCS	21.5	1	100		20170420
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.3	1	99	1	20170420
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170420
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170420
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170420
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170420
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170420

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170420
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170504
Chloride	Water	METHOD	300	MB	<1.0	1			20170504
Conductivity	Water	NONE	2510	MB	<5.0	5			20170504
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170504
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170504
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Conductivity	Water	NONE	2510	MB	<5.0	5			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170504
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170504
Conductivity	Water	NONE	2510	LCS	236	5	101		20170504
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170504
Nitrite as N	Water	METHOD	300	LCS	2.41	0.05	97		20170504
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170504
Sulfate	Water	METHOD	300	LCS	4.84	0.1	97		20170504
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20170504
Turbidity Lab	Water	NONE	180.1	LCS	6.28	0.1	96		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.49	0.1		6	20170504
pH lab	Water	NONE	4500-H-B	DUP	7.54			1	20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.34	0.1	91		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.33	0.1	90	1	20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4600	50	92		20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2340	50	94		20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.2	2.5	100		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	0.02	103		20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.4	0.16	103		20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	1	101		20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.5	2.5	95		20170504
Mercury Total	Water	METHOD	7470-A	LCS	4.96	0.2	99		20170504
Mercury Total	Water	METHOD	7470-A	DUP	<0.20	0.2			20170504
Mercury Total	Water	METHOD	7470-A	MS	5.36	0.2	107		20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170504
Chloride	Water	METHOD	300	MB	<1.0	1			20170504
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170504
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170504
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170504
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170504
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170504
Sulfate	Water	METHOD	300	LCS	4.84	0.1	97		20170504
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20170504
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170504
Turbidity Lab	Water	NONE	180.1	LCS	6.28	0.1	96		20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	DUP	721	10		1	20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2340	50	94		20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.7	1	94		20170504
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	102	0.05	102		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	0.02	103		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.2	2.5	102		20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.4	0.16	103		20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	1	101		20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.5	2.5	95		20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	141	50		1	20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.1	1		4	20170504
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	10.9	0.05		1	20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.6	1		1	20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1110	50	97		20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	102	1	93		20170504
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	116	0.05	105		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	0.02	101		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.3	2.5	103		20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.8	1	102		20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49	0.16	98		20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	39.2	1	102		20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	1	100		20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.5	1	103		20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	98		20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	2.5	100		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10	2.5	100		20170504
Mercury Total	Water	METHOD	1631	MB	<1	1			20170504
Mercury Total	Water	METHOD	1631	MB	<1	1			20170504
Mercury Total	Water	METHOD	1631	MB	<1	1			20170504
Mercury Total	Water	METHOD	1631	MS	50.2	1	100		20170504
Mercury Total	Water	METHOD	1631	DMS	49.7	1	99	1	20170504
Mercury Total	Water	METHOD	1631	QCS	5.12	0.5	102		20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170504
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170504
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170504
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170504
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20170504
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	LCS	6.28	0.1	96		20170504
Turbidity Lab	Water	NONE	180.1	DUP	0.2	0.1		6	20170504
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11800	1000	94		20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2340	50	94		20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11400	1000	91		20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11600	1000	93		20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.7	1	94		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	0.02	103		20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.4	0.16	103		20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170504
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	46900	1000		1	20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	215	50		1	20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4400	1000		2	20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	31100	1000		3	20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.2	1		8	20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15.1	1		8	20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170504
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	56200	1000	87		20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	96		20170504
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	13700	1000	92		20170504
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	40900	1000	90		20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	109	1	92		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	0.02	104		20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	102		20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.6	0.16	99		20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	40.1	1	95		20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.6	1	98		20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.2	2.5	101		20170504
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170504
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	82.4	1		3	20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170504
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170504
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170421
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170421
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170421
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170504
Chloride	Water	METHOD	300	MB	<1.0	1			20170504
Conductivity	Water	NONE	2510	MB	<5.0	5			20170504
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170504
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170504
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Conductivity	Water	NONE	2510	MB	<5.0	5			20170504
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170504
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170504
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170504
Conductivity	Water	NONE	2510	LCS	236	5	101		20170504
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170504
Nitrite as N	Water	METHOD	300	LCS	2.42	0.05	97		20170504
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170504
Sulfate	Water	METHOD	300	LCS	4.92	0.1	98		20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20170504
Turbidity Lab	Water	NONE	180.1	LCS	6.28	0.1	96		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170504
pH lab	Water	NONE	4500-H-B	DUP	7.79			1	20170504
Conductivity	Water	NONE	2510	DUP	231	5		1	20170504
Turbidity Lab	Water	NONE	180.1	DUP	0.67	0.1		4	20170504
Total Dissolved Solids	Water	NONE	2540-C	DUP	634	10		1	20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.04	0.1	102		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.89	0.1	94	8	20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170504
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170504
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4600	50	92		20170504
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2340	50	94		20170504
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.2	2.5	100		20170504
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	0.02	103		20170504
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170504
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.4	0.16	103		20170504
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170504
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170504
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	1	101		20170504
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170504
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170504
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.5	2.5	95		20170504
Mercury Total	Water	METHOD	7470-A	LCS	5.15	0.2			20170504
Mercury Total	Water	METHOD	7470-A	DUP	<0.20	0.2			20170504

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury Total	Water	METHOD	7470-A	MS	5.11	0.2			20170504
Total Dissolved Solids	Aqueou	NONE	2540-C	MB	<5.0	5			20170510
Ammonia as N	Aqueou	METHOD	4500-NH3 G	MB	<0.050	0.05			20170510
Nitrate as N	Aqueou	METHOD	300	MB	<0.050	0.05			20170510
Sulfate	Aqueou	METHOD	300	MB	<0.10	0.1			20170510
Total Dissolved Solids	Aqueou	NONE	2540-C	LCS	1610	5	98		20170510
Ammonia as N	Aqueou	METHOD	4500-NH3 G	LCS	3.36	0.05	104		20170510
pH lab	Aqueou	NONE	4500-H-B	LCS	7.69		100		20170510
Total Dissolved Solids	Aqueou	NONE	2540-C	LCS	1650	5	100		20170510
Total Dissolved Solids	Aqueou	NONE	2540-C	LCS	1650	5	100		20170510
Total Dissolved Solids	Aqueou	NONE	2540-C	LCS	1640	5	100		20170510
Nitrate as N	Aqueou	METHOD	300	LCS	2.37	0.05	95		20170510
Sulfate	Aqueou	METHOD	300	LCS	4.97	0.1	99		20170510
Nitrate as N	Aqueou	METHOD	300	DLCS	2.38	0.05	95	1	20170510
Sulfate	Aqueou	METHOD	300	DLCS	5.03	0.1	101	1	20170510
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	MB	<0.040	0.04			20170510
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	MB	<0.020	0.02			20170510
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	MB	<0.010	0.01			20170510
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020-A	MB	<0.0020	0.002			20170510
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020-A	MB	<0.000080	0.00008			20170510
Total Recoverable Chromium	Sludge,	EPA 3020A	6020-A	MB	<0.00080	0.0008			20170510
Total Recoverable Copper	Sludge,	EPA 3020A	6020-A	MB	<0.00040	0.0004			20170510
Total Recoverable Lead	Sludge,	EPA 3020A	6020-A	MB	<0.000080	0.00008			20170510
Total Recoverable Nickel	Sludge,	EPA 3020A	6020-A	MB	<0.00080	0.0008			20170510
Total Recoverable Selenium	Sludge,	EPA 3020A	6020-A	MB	<0.0040	0.004			20170510
Total Recoverable Silver	Sludge,	EPA 3020A	6020-A	MB	<0.000080	0.00008			20170510
Total Recoverable Zinc	Sludge,	EPA 3020A	6020-A	MB	<0.0020	0.002			20170510
Total Recoverable Mercury	Sludge,	METHOD	7470-A	MB	<0.0010	0.001			20170510
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	LCS	9.05	0.04	91		20170510
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	LCS	4.65	0.02	93		20170510
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	LCS	2.25	0.01	90		20170510
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020-A	LCS	0.0947	0.002	95		20170510
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020-A	LCS	0.0476	0.00008	95		20170510
Total Recoverable Chromium	Sludge,	EPA 3020A	6020-A	LCS	0.0193	0.0008	96		20170510
Total Recoverable Copper	Sludge,	EPA 3020A	6020-A	LCS	0.0239	0.0004	96		20170510
Total Recoverable Lead	Sludge,	EPA 3020A	6020-A	LCS	0.0938	0.00008	94		20170510

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Sludge,	EPA 3020A	6020-A	LCS	0.0472	0.0008	94		20170510
Total Recoverable Selenium	Sludge,	EPA 3020A	6020-A	LCS	0.0999	0.004	100		20170510
Total Recoverable Silver	Sludge,	EPA 3020A	6020-A	LCS	0.0235	0.00008	94		20170510
Total Recoverable Zinc	Sludge,	EPA 3020A	6020-A	LCS	0.0475	0.002	95		20170510
Total Recoverable Mercury	Sludge,	METHOD	7470-A	LCS	0.0049	0.001	99		20170510
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	DUP	<0.20	0.2			20170510
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	DUP	0.025	0.02		23	20170510
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	DUP	5.75	0.05		2	20170510
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020-A	DUP	<0.010	0.01			20170510
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020-A	DUP	<0.00040	0.0004			20170510
Total Recoverable Chromium	Sludge,	EPA 3020A	6020-A	DUP	<0.0040	0.004			20170510
Total Recoverable Copper	Sludge,	EPA 3020A	6020-A	DUP	0.0027	0.002		7	20170510
Total Recoverable Lead	Sludge,	EPA 3020A	6020-A	DUP	<0.00040	0.0004			20170510
Total Recoverable Nickel	Sludge,	EPA 3020A	6020-A	DUP	0.0044	0.004		13	20170510
Total Recoverable Selenium	Sludge,	EPA 3020A	6020-A	DUP	<0.020	0.02			20170510
Total Recoverable Silver	Sludge,	EPA 3020A	6020-A	DUP	<0.00040	0.0004			20170510
Total Recoverable Zinc	Sludge,	EPA 3020A	6020-A	DUP	0.023	0.01		4	20170510
Total Recoverable Mercury	Sludge,	METHOD	7470-A	DUP	<0.0010	0.001			20170510
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	MS	7.55	0.2	75		20170510
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	MS	3.89	0.02	77		20170510
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	MS	7.82	0.05	79		20170510
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020-A	MS	0.527	0.01	105		20170510
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020-A	MS	0.25	0.0004	100		20170510
Total Recoverable Chromium	Sludge,	EPA 3020A	6020-A	MS	0.102	0.004	102		20170510
Total Recoverable Copper	Sludge,	EPA 3020A	6020-A	MS	0.122	0.002	96		20170510
Total Recoverable Lead	Sludge,	EPA 3020A	6020-A	MS	0.471	0.0004	94		20170510
Total Recoverable Nickel	Sludge,	EPA 3020A	6020-A	MS	0.247	0.004	97		20170510
Total Recoverable Selenium	Sludge,	EPA 3020A	6020-A	MS	0.519	0.02	104		20170510
Total Recoverable Silver	Sludge,	EPA 3020A	6020-A	MS	0.117	0.0004	94		20170510
Total Recoverable Zinc	Sludge,	EPA 3020A	6020-A	MS	0.271	0.01	99		20170510
Total Recoverable Mercury	Sludge,	METHOD	7470-A	MS	0.0053	0.001	106		20170510
Hardness, Total	Aqueou	NONE	2340-B	MB	<1	1			20170510
Hardness, Total	Sludge,	NONE	2340-B	DUP	1230	1		2	20170510
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170504
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170508

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170508
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170508
Chloride	Water	METHOD	300	MB	<1.0	1			20170508
Color	Water	NONE	2120-B	MB	<5.0	5			20170508
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170508
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170508
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170508
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170508
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170508
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170508
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170508
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170508
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170508
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170508
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170508
Color	Water	NONE	2120-B	LCS	35	5	100		20170508
Nitrate as N	Water	METHOD	300	LCS	2.36	0.05	94		20170508
Sulfate	Water	METHOD	300	LCS	4.92	0.1	98		20170508
Turbidity Lab	Water	NONE	180.1	LCS	5.87	0.1	90		20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	21.5	1	100		20170508
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.3	1	99	1	20170508
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	39	5		1	20170508
Color	Water	NONE	2120-B	DUP	35	5		1	20170508
Turbidity Lab	Water	NONE	180.1	DUP	0.3	0.1		1	20170508
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4			20170508
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20170508
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170508
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170508
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170508
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170508
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170508
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170508
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170508
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170508
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170508

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170508
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170508
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170508
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170508
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	20	104		20170508
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170508
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.4	1	89		20170508
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.3	2.5	99		20170508
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	0.1	103		20170508
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.2	2.5	102		20170508
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20170508
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	0.16	101		20170508
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	1	99		20170508
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170508
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	1	101		20170508
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170508
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20170508
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9	2.5	90		20170508
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	39600	20		1	20170508
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	100	50		1	20170508
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	38.4	1		7	20170508
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170508
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170508
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170508
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170508
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170508
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.3	1		7	20170508
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170508
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170508
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170508
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170508
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170508
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	48600	20	84		20170508
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1110	50	101		20170508
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	129	1	88		20170508
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.3	2.5	103		20170508

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	0.1	103		20170508
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.4	2.5	104		20170508
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.8	1	102		20170508
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.7	0.16	99		20170508
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.9	1	96		20170508
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.6	1	98		20170508
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.6	1	103		20170508
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	0.1	99		20170508
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	2.5	103		20170508
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10	2.5	100		20170508
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170508
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170508
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170508
Mercury Total	Water	METHOD	1631	QCS	5.18	0.5	104		20170508
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170424
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170424
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170424
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170424
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170424
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170504
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	15.5	0.5	96		20170504
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170426
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170426
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170426
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170426
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170426
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170426
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170509
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.2	0.5	100		20170509
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170510
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170510
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170510
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170510
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170510
Turbidity Lab	Water	NONE	180.1	LCS	6.28	0.1	96		20170510
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.47	0.1		1	20170510

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.45	0.1	99		20170510
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.41	0.1	97	2	20170510
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170510
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170510
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170510
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13100	1000	104		20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170510
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170510
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	0.16	100		20170510
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170510
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170510
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170510
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170510
Chloride	Water	METHOD	300	MB	<1.0	1			20170510
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170510
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170510
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170510
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170510
Chloride	Water	METHOD	300	LCS	4.8	1	95		20170510
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170510
Sulfate	Water	METHOD	300	LCS	4.72	0.1	94		20170510
Turbidity Lab	Water	NONE	180.1	LCS	6.28	0.1	96		20170510

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	DUP	0.54	0.1		6	20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170510
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20170510
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	0.05	101		20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	0.16	100		20170510
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170510
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20170510
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170510
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	8.9	2.5	89		20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	104	50		10	20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1140	50	103		20170510
Mercury Total	Water	METHOD	1631	MB	<1	1			20170510
Mercury Total	Water	METHOD	1631	MB	<1	1			20170510
Mercury Total	Water	METHOD	1631	MB	<1	1			20170510
Mercury Total	Water	METHOD	1631	MS	50.2	1	100		20170510
Mercury Total	Water	METHOD	1631	DMS	49.9	1	100	1	20170510
Mercury Total	Water	METHOD	1631	QCS	4.91	0.5	98		20170510
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170510
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170515
Chloride	Water	METHOD	300	MB	<1.0	1			20170515

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170515
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170515
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170515
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170515
Chloride	Water	METHOD	300	LCS	4.8	1	95		20170515
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170515
Sulfate	Water	METHOD	300	LCS	4.72	0.1	94		20170515
Turbidity Lab	Water	NONE	180.1	LCS	6.28	0.1	96		20170515
Turbidity Lab	Water	NONE	180.1	DUP	0.54	0.1		6	20170515
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170515
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170515
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170515
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170515
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170515
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170515
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170515
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170515
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170515
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170515
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170515
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170515
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170515
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20170515
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	0.05	101		20170515
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170515
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170515
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	0.16	100		20170515
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170515
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170515
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20170515
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170515
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170515
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	8.9	2.5	89		20170515
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	104	50		10	20170515
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1140	50	103		20170515
Mercury Total	Water	METHOD	1631	MB	<1	1			20170515

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury Total	Water	METHOD	1631	MB	<1	1			20170515
Mercury Total	Water	METHOD	1631	MB	<1	1			20170515
Mercury Total	Water	METHOD	1631	MS	50.2	1	100		20170515
Mercury Total	Water	METHOD	1631	DMS	49.9	1	100	1	20170515
Mercury Total	Water	METHOD	1631	QCS	4.91	0.5	98		20170515
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170515
Hardness, Total	Water	NONE	2340-B	DUP	211	1		6	20170515
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170510
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170510
Chloride	Water	METHOD	300	MB	<1.0	1			20170510
Conductivity	Water	NONE	2510	MB	<5.0	5			20170510
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170510
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170510
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170510
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170510
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170510
Conductivity	Water	NONE	2510	MB	<5.0	5			20170510
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20170510
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170510
Chloride	Water	METHOD	300	LCS	4.8	1	95		20170510
Conductivity	Water	NONE	2510	LCS	235	5	100		20170510
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170510
Nitrite as N	Water	METHOD	300	LCS	2.34	0.05	93		20170510
pH lab	Water	NONE	4500-H-B	LCS	7.68		100		20170510
Sulfate	Water	METHOD	300	LCS	4.72	0.1	94		20170510
Turbidity Lab	Water	NONE	180.1	LCS	6.28	0.1	96		20170510
pH lab	Water	NONE	4500-H-B	DUP	7.16			1	20170510
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170510
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170510
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Mercury Total	Water	METHOD	7470-A	LCS	4.91	0.2	98		20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5400	10	108		20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170510
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	2.5	100		20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	0.16	100		20170510
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170510
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20170510
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170510
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	8.9	2.5	89		20170510
Mercury Total	Water	METHOD	7470-A	DUP	<0.20	0.2			20170510
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170510
Mercury Total	Water	METHOD	7470-A	MS	4.61	0.2	92		20170510
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.2	2.5	92		20170510
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170427
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170427
Total Dissolved Solids	Water	NONE	2540-C	DUP	374	10		4	20170427
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170427
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170427
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170427
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170427
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170427
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170427
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170427
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170427
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170427
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170509
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170509
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170509

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.1	0.5	99		20170509
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170517
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170517
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170517
Chloride	Water	METHOD	300	MB	<1.0	1			20170517
Color	Water	NONE	2120-B	MB	<5.0	5			20170517
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170517
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170517
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170517
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170517
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170517
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170517
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170517
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	123	5	99		20170517
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.9	0.5	104		20170517
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170517
Color	Water	NONE	2120-B	LCS	35	5	100		20170517
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170517
Sulfate	Water	METHOD	300	LCS	4.73	0.1	95		20170517
Turbidity Lab	Water	NONE	180.1	LCS	6.01	0.1	92		20170517
Total Suspended Solids	Water	NONE	2540-D	LCS	21.4	1	100		20170517
Total Suspended Solids	Water	NONE	2540-D	DLCS	21	1	98	2	20170517
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	49.4	5		1	20170517
Color	Water	NONE	2120-B	DUP	5	5		1	20170517
Turbidity Lab	Water	NONE	180.1	DUP	0.62	0.1		11	20170517
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170517
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170517
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170517
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170517
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170517
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170517
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170517
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170517
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170517
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170517
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170517

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170517
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170517
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170517
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170517
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20170517
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	2.5	100		20170517
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.1	105		20170517
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.1	2.5	101		20170517
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170517
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	0.16	100		20170517
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170517
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170517
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20170517
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170517
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170517
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	8.9	2.5	89		20170517
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	27.3	0.1	109		20170517
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	798	50		9	20170517
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	205	1		12	20170517
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170517
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170517
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170517
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	3.3	1		2	20170517
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.53	0.16		5	20170517
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	51.1	1		1	20170517
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.2	1		7	20170517
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170517
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170517
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.9	2.5		3	20170517
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1750	50	102		20170517
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	308	1	78		20170517
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.8	2.5	104		20170517
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.6	0.1	106		20170517
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.5	2.5	105		20170517
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	15.2	1	96		20170517
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.1	0.16	101		20170517

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	79.2	1	112		20170517
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.5	1	97		20170517
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.7	1	103		20170517
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	98		20170517
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	30.3	2.5	97		20170517
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170517
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170517
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170517
Mercury Dissolved	Water	METHOD	1631	MS	48.2	1	96		20170517
Mercury Dissolved	Water	METHOD	1631	DMS	50.2	1	100	4	20170517
Mercury Total	Water	METHOD	1631	QCS	5.06	0.5	101		20170517
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170517
Hardness, Total	Water	NONE	2340-B	DUP	71.3	1		1	20170517
Nitrate as N	Water	METHOD	300	DUP	0.637	0.05		2	20170510
Sulfate	Water	METHOD	300	DUP	7.17	0.1		1	20170510
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.94	0.1	97		20170510
Chloride	Water	METHOD	300	MS	4.6	2	114		20170510
Nitrate as N	Water	METHOD	300	MS	4.81	0.1	109		20170510
Sulfate	Water	METHOD	300	MS	4.82	0.2	92		20170510
Chloride	Water	METHOD	300	MS	4.8	2	119		20170510
Nitrate as N	Water	METHOD	300	MS	5.01	0.1	109		20170510
Sulfate	Water	METHOD	300	MS	10.9	0.2	94		20170510
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.98	0.1	99	2	20170510
Chloride	Water	METHOD	300	DMS	4.6	2	115	1	20170510
Nitrate as N	Water	METHOD	300	DMS	4.84	0.1	109	1	20170510
Sulfate	Water	METHOD	300	DMS	4.85	0.2	93	1	20170510
Chloride	Water	METHOD	300	DMS	4.8	2	119	1	20170510
Nitrate as N	Water	METHOD	300	DMS	5.03	0.1	110	1	20170510
Sulfate	Water	METHOD	300	DMS	10.9	0.2	95	1	20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170510
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170510

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170510
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170510
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20170510
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	2.5	100		20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.1	105		20170510
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.1	2.5	101		20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	0.16	100		20170510
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170510
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20170510
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	2.5	99		20170510
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	8.9	2.5	89		20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	27.3	0.1	109		20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	24.4	1		10	20170510
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170510
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170510
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.8	1		3	20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170510
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170510
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170510
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	123	1	101		20170510
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.5	2.5	95		20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	0.1	101		20170510

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.9	2.5	99		20170510
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	101		20170510
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.2	0.16	96		20170510
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	1	97		20170510
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.6	1	94		20170510
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.7	1	97		20170510
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	0.1	95		20170510
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	2.5	99		20170510
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.4	0.1	101		20170510
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170510
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170510
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170510
Mercury Dissolved	Water	METHOD	1631	MS	52	1	101		20170510
Mercury Dissolved	Water	METHOD	1631	DMS	50.4	1	98	3	20170510
Mercury Total	Water	METHOD	1631	QCS	5.06	0.5	101		20170510
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170510
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170510
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170510
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170510
Chloride	Water	METHOD	300	MB	<1.0	1			20170510
Color	Water	NONE	2120-B	MB	<5.0	5			20170510
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170510
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170510
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170510
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170510
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170510
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170510
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170510
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	123	5	99		20170510
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.9	0.5	104		20170510
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170510
Color	Water	NONE	2120-B	LCS	35	5	100		20170510
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170510
Sulfate	Water	METHOD	300	LCS	4.73	0.1	95		20170510
Turbidity Lab	Water	NONE	180.1	LCS	6.01	0.1	92		20170510
Total Suspended Solids	Water	NONE	2540-D	LCS	21.4	1	100		20170510

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	DLCS	21	1	98	2	20170510
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170510
Chloride	Water	METHOD	300	DUP	<1.0	1		NC	20170510
Nitrate as N	Water	METHOD	300	DUP	0.452	0.05		3	20170510
Sulfate	Water	METHOD	300	DUP	1.11	0.1		1	20170510
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170510
Chloride	Water	METHOD	300	DUP	<1.0	1		NC	20170510
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170501
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170501
Total Suspended Solids	Water	NONE	2540-D	LCS	21	1	98		20170501
Total Suspended Solids	Water	NONE	2540-D	DLCS	20.7	1	97	1	20170501
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170501
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170501
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170501
Total Suspended Solids	Water	NONE	2540-D	LCS	21	1	98		20170501
Total Suspended Solids	Water	NONE	2540-D	DLCS	20.7	1	97	1	20170501
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170510
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	3.36	0.1	104		20170510
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.42	0.1		1	20170510
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.42	0.1	100		20170510
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.4	0.1	99	1	20170510
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170502
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170502
Total Suspended Solids	Water	NONE	2540-D	LCS	21.2	1	99		20170502
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.1	1	98	1	20170502
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170502
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170502
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170502
Total Suspended Solids	Water	NONE	2540-D	LCS	21.2	1	99		20170502
Total Suspended Solids	Water	NONE	2540-D	DLCS	21.1	1	98	1	20170502
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170517
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170517
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170517
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170517
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170517
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170517

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170517
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170517
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170517
Sulfate	Water	METHOD	300	LCS	4.96	0.1	99		20170517
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	8	96		20170517
Sulfate	Water	METHOD	300	LCS	4.69	0.1	94		20170517
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170517
Sulfate	Water	METHOD	300	LCS	4.76	0.1	95		20170517
Total Dissolved Solids	Water	NONE	2540-C	LCS	1650	10	100		20170517
Total Dissolved Solids	Water	NONE	2540-C	LCS	1650	10	100		20170517
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170517
Total Dissolved Solids	Water	NONE	2540-C	LCS	1670	8	102		20170517
Sulfate	Water	METHOD	300	DUP	1.03	0.2		1	20170517
Total Dissolved Solids	Water	NONE	2540-C	DUP	17	2		16	20170517
Sulfate	Water	METHOD	300	DUP	0.37	0.2		17	20170517
Sulfate	Water	METHOD	300	MS	5.09	0.2	102		20170517
Sulfate	Water	METHOD	300	MS	4.14	0.2	93		20170517
Sulfate	Water	METHOD	300	DMS	5.09	0.2	102	1	20170517
Sulfate	Water	METHOD	300	DMS	4.22	0.2	95	2	20170517
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170517
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170517
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170517
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.3	1	91		20170517
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170517
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	92		20170517
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170510
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.9	0.5	104		20170510
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170516
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170516
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170516
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170516
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170516
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170516
Total Dissolved Solids	Water	NONE	2540-C	LCS	1660	10	101		20170516
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.1	0.5	99		20170516
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170516

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	LCS	7.1	0.1	109		20170516
Total Suspended Solids	Water	NONE	2540-D	LCS	454	20	106		20170516
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170516
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170516
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170516
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170516
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170516
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170516
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170516
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.3	1	91		20170516
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.1	2.5	94		20170516
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170516
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.4	2.5	94		20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	1	93		20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.6	0.16	95		20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	92		20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.6	1	90		20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.5	1	93		20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	0.1	92		20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.2	2.5	89		20170516
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	8.7	2.5	87		20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	28.6	1		9	20170516
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170516

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170516
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.9	1		5	20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	126	1	100		20170516
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.7	2.5	101		20170516
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.6	0.02	103		20170516
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.8	2.5	108		20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.9	1	103		20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.7	0.16	99		20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	39.3	1	101		20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	1	98		20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51	1	102		20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.1	0.1	97		20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.2	2.5	97		20170516
Mercury Total	Water	METHOD	1631	MB	<1	1			20170516
Mercury Total	Water	METHOD	1631	MB	<1	1			20170516
Mercury Total	Water	METHOD	1631	MB	<1	1			20170516
Mercury Total	Water	METHOD	1631	QCS	5.1	0.5	102		20170516
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170516
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170516
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170516
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170516
Chloride	Water	METHOD	300	MB	<1.0	1			20170516
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170516
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170516
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170516
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170516
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170516
Total Dissolved Solids	Water	NONE	2540-C	LCS	1660	10	101		20170516
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.1	0.5	99		20170516

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170516
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170516
Sulfate	Water	METHOD	300	LCS	5	0.1	100		20170516
Turbidity Lab	Water	NONE	180.1	LCS	7.1	0.1	109		20170516
Total Suspended Solids	Water	NONE	2540-D	LCS	454	20	106		20170516
Total Dissolved Solids	Water	NONE	2540-C	DUP	720	10		1	20170516
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170516
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170516
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.3	1	91		20170516
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.1	2.5	94		20170516
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.1	0.05	95		20170516
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170516
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.4	2.5	94		20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	1	93		20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.6	0.16	95		20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	92		20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.6	1	90		20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.5	1	93		20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	0.1	92		20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.2	2.5	89		20170516
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	8.7	2.5	87		20170516
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	89	50		13	20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.7	1		2	20170516

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170516
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.8	0.05		1	20170516
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170516
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.4	1		1	20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170516
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170516
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1110	50	101		20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	94.8	1	88		20170516
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.3	2.5	105		20170516
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	111	0.05	97		20170516
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	0.02	104		20170516
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.8	2.5	98		20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	1	96		20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.2	0.16	98		20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	32.3	1	95		20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.6	1	95		20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.4	1	103		20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.3	0.1	91		20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.3	2.5	93		20170516
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	8.7	2.5	87		20170516
Mercury Total	Water	METHOD	1631	MB	<1	1			20170516
Mercury Total	Water	METHOD	1631	MB	<1	1			20170516
Mercury Total	Water	METHOD	1631	MB	<1	1			20170516
Mercury Total	Water	METHOD	1631	MS	53.1	1	106		20170516
Mercury Total	Water	METHOD	1631	DMS	53.2	1	106	1	20170516
Mercury Total	Water	METHOD	1631	QCS	5.1	0.5	102		20170516
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170516
Hardness, Total	Water	NONE	2340-B	DUP	216	1		9	20170516
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170516
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170516

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chloride	Water	METHOD	300	MB	<1.0	1			20170516
Conductivity	Water	NONE	2510	MB	<5.0	5			20170516
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170516
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170516
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170516
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170516
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170516
Conductivity	Water	NONE	2510	MB	<5.0	5			20170516
Total Dissolved Solids	Water	NONE	2540-C	LCS	1660	10	101		20170516
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.99	0.5	98		20170516
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170516
Conductivity	Water	NONE	2510	LCS	248	5	106		20170516
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170516
Nitrite as N	Water	METHOD	300	LCS	2.42	0.05	97		20170516
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170516
Sulfate	Water	METHOD	300	LCS	5	0.1	100		20170516
Turbidity Lab	Water	NONE	180.1	LCS	7.1	0.1	109		20170516
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	2.38	0.1		2	20170516
Conductivity	Water	NONE	2510	DUP	915	5		1	20170516
pH lab	Water	NONE	4500-H-B	DUP	7.51			1	20170516
Ammonia as N	Water	METHOD	4500-NH3 G	MS	4.3	0.1	98		20170516
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	4.33	0.1	100	2	20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170516
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170516
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170516
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5210	10	104		20170516

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170516
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.1	2.5	94		20170516
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20170516
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	1	93		20170516
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.6	0.16	95		20170516
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	92		20170516
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.6	1	90		20170516
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.5	1	93		20170516
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	0.1	92		20170516
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.2	2.5	89		20170516
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	8.7	2.5	87		20170516
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.91	0.2	118		20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	71	10		10	20170516
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	3530	50		2	20170516
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2		0	20170516
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1840	10	89		20170516
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	4480	50	102		20170516
Total Recoverable Mercury	Water	METHOD	7470-A	MS	5.74	0.2	115		20170516
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170516
Hardness, Total	Water	NONE	2340-B	DUP	381	1		1	20170516
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170504
Total Suspended Solids	Water	NONE	2540-D	LCS	446	20	104		20170504
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170516
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170516
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.1	0.5	99		20170516
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170516
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170504
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170504
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170504
Total Suspended Solids	Water	NONE	2540-D	LCS	446	20	104		20170504
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170511

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	16.8	0.5	104		20170511
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.43	0.1		1	20170511
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.39	0.1	98		20170511
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.36	0.1	97	1	20170511
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	438	20	102		20170508
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170508
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170524
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170524
Chloride	Water	METHOD	300	MB	<1.0	1			20170524
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170524
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170524
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170524
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170524
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170524
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.1	0.5	99		20170524
Chloride	Water	METHOD	300	LCS	4.86	1	97		20170524
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170524
Sulfate	Water	METHOD	300	LCS	4.74	0.1	95		20170524
Turbidity Lab	Water	NONE	180.1	LCS	6.41	0.1	98		20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170524
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170524
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170524
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.5	1	92		20170524
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.5	2.5	95		20170524
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.2	0.05	96		20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170524
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	1	95		20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	0.16	94		20170524
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	1	96		20170524
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	93		20170524
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.7	2.5	97		20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	120	50		3	20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5	1		4	20170524
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170524
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	12.4	0.05		1	20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170524
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170524
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.5	1		1	20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170524
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170524
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	106		20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	98.5	1	94		20170524
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.4	2.5	101		20170524
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	114	0.05	101		20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	0.02	99		20170524
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.7	1	93		20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.7	0.16	93		20170524
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	33.9	1	98		20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.7	1	95		20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.9	1	100		20170524

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.7	0.1	93		20170524
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.9	2.5	91		20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.9	2.5	129		20170524
Mercury Total	Water	METHOD	1631	MB	<1	1			20170524
Mercury Total	Water	METHOD	1631	MB	<1	1			20170524
Mercury Total	Water	METHOD	1631	MB	<1	1			20170524
Mercury Total	Water	METHOD	1631	QCS	5.1	0.5	102		20170524
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170524
Hardness, Total	Water	NONE	2340-B	DUP	218	1		1	20170524
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	432	20	101		20170508
Total Suspended Solids	Water	NONE	2540-D	LCS	438	20	102		20170508
Total Dissolved Solids	Water	NONE	2540-C	MB	<5.0	5			20170524
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170524
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170524
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170524
Total Dissolved Solids	Water	NONE	2540-C	MB	<5.0	5			20170524
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	5	99		20170524
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.99	0.5	98		20170524
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170524
Turbidity Lab	Water	NONE	180.1	LCS	6.41	0.1	98		20170524
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170524
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170524
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170524
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170524
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170524

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170524
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170524
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.5	1	92		20170524
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.5	2.5	95		20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170524
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	1	95		20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	0.16	94		20170524
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	1	96		20170524
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	93		20170524
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.7	2.5	97		20170524
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170524
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170524
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170516
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.99	0.5	98		20170516
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20170524
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170524
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170524
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170524
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170524
Turbidity Lab	Water	NONE	180.1	LCS	6.41	0.1	98		20170524
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.476	0.05		1	20170524
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.45	0.05	97		20170524
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.47	0.05	99	2	20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170524
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170524
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170524

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170524
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170524
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170524
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170524
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.5	1	92		20170524
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.5	2.5	95		20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170524
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	1	95		20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	0.16	94		20170524
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	1	96		20170524
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	93		20170524
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.7	2.5	97		20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4180	50		3	20170524
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4500	1000		3	20170524
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	3500	1000		4	20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	5230	50	91		20170524
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14600	1000	100		20170524
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	13600	1000	99		20170524
Mercury Total	Water	METHOD	1631	MB	<1	1			20170524
Mercury Total	Water	METHOD	1631	MB	<1	1			20170524
Mercury Total	Water	METHOD	1631	MB	<1	1			20170524
Mercury Total	Water	METHOD	1631	QCS	5.1	0.5	102		20170524
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170524
Hardness, Total	Water	NONE	2340-B	DUP	161	1		2	20170524
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170524
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	25.2	1		4	20170524

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170524
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170524
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.12	0.1		1	20170524
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.09	0.1	99		20170524
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.07	0.1	98	1	20170524
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170509
Total Suspended Solids	Water	NONE	2540-D	LCS	454	20	106		20170509
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170509
Total Suspended Solids	Water	NONE	2540-D	LCS	454	20	106		20170509
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170509
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170525
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170525
Chloride	Water	METHOD	300	MB	<1.0	1			20170525
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170525
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170525
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170525
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170525
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170525
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170525
Total Dissolved Solids	Water	NONE	2540-C	LCS	1650	10	101		20170525
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170525
Chloride	Water	METHOD	300	LCS	4.7	1	94		20170525
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170525
Sulfate	Water	METHOD	300	LCS	4.72	0.1	94		20170525
Turbidity Lab	Water	NONE	180.1	LCS	6	0.1	92		20170525
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170525
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170525
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170525
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170525
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170525
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170525
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170525
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170525
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170525

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170525
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170525
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170525
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20170525
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170525
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170525
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170525
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.5	1	92		20170525
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.2	0.05	96		20170525
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170525
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	1	95		20170525
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	0.16	94		20170525
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170525
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20170525
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	1	96		20170525
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	93		20170525
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20170525
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.7	2.5	97		20170525
Mercury Total	Water	METHOD	1631	MB	<1	1			20170525
Mercury Total	Water	METHOD	1631	MB	<1	1			20170525
Mercury Total	Water	METHOD	1631	MB	<1	1			20170525
Mercury Total	Water	METHOD	1631	MS	50.7	1	101		20170525
Mercury Total	Water	METHOD	1631	DMS	50.3	1	101	1	20170525
Mercury Total	Water	METHOD	1631	QCS	5.09	0.5	102		20170525
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170525
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170525
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170525
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170525
Chloride	Water	METHOD	300	MB	<1.0	1			20170525
Conductivity	Water	NONE	2510	MB	<5.0	5			20170525
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170525
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170525
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170525

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170525
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170525
Conductivity	Water	NONE	2510	MB	<5.0	5			20170525
Total Dissolved Solids	Water	NONE	2540-C	LCS	1650	10	101		20170525
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170525
Chloride	Water	METHOD	300	LCS	4.7	1	94		20170525
Conductivity	Water	NONE	2510	LCS	248	5	106		20170525
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170525
Nitrite as N	Water	METHOD	300	LCS	2.36	0.05	94		20170525
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170525
Sulfate	Water	METHOD	300	LCS	4.72	0.1	94		20170525
Turbidity Lab	Water	NONE	180.1	LCS	6	0.1	92		20170525
Total Dissolved Solids	Water	NONE	2540-C	DUP	681	10		1	20170525
pH lab	Water	NONE	4500-H-B	DUP	7.78			1	20170525
Turbidity Lab	Water	NONE	180.1	DUP	12.5	0.1		2	20170525
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170525
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170525
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170525
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170525
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170525
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170525
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170525
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170525
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170525
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5120	10	102		20170525
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170525
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.5	2.5	95		20170525
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170525
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	1	95		20170525
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	0.16	94		20170525
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170525
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20170525

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	1	96		20170525
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	93		20170525
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20170525
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.7	2.5	97		20170525
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.14	0.2	103		20170525
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2		0	20170525
Total Recoverable Mercury	Water	METHOD	7470-A	MS	5.2	0.2	104		20170525
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170525
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170524
Chloride	Water	METHOD	300	MB	<1.0	1			20170524
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170524
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170524
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170524
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170524
Chloride	Water	METHOD	300	LCS	4.7	1	94		20170524
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170524
Sulfate	Water	METHOD	300	LCS	4.72	0.1	94		20170524
Turbidity Lab	Water	NONE	180.1	LCS	6	0.1	92		20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170524
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170524
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170524
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170524
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170524
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170524
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.5	1	92		20170524
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.2	0.05	96		20170524
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170524
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	1	95		20170524
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	0.16	94		20170524

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170524
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20170524
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	1	96		20170524
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	93		20170524
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20170524
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.7	2.5	97		20170524
Mercury Total	Water	METHOD	1631	MB	<1	1			20170524
Mercury Total	Water	METHOD	1631	MB	<1	1			20170524
Mercury Total	Water	METHOD	1631	MB	<1	1			20170524
Mercury Total	Water	METHOD	1631	MS	49.7	1	99		20170524
Mercury Total	Water	METHOD	1631	DMS	47.8	1	96	4	20170524
Mercury Total	Water	METHOD	1631	QCS	5.01	0.5	100		20170524
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170524
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170511
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170511
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170511
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170511
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170525
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170525
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170525
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170525
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170525
Turbidity Lab	Water	NONE	180.1	LCS	6	0.1	92		20170525
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.74	0.1		2	20170525
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.75	0.1	103		20170525
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.8	0.1	105	2	20170525
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170525
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170525
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170525
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170525
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170525
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170525
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170525

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170525
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20170525
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170525
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170525
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170525
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.5	1	92		20170525
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	0.02	98		20170525
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	1	95		20170525
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	0.16	94		20170525
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20170525
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20170525
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20170525
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170525
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170525
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170511
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170511
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170511
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170515
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170515
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170515
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170515
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170515
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170515
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170524
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170524
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170515
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170515
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170515
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170515
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170515
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170515
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170515
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170525
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170525
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170517
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170517

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170517
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170517
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170517
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170517
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170525
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170525
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170518
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170518
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20170518
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170518
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170518
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170518
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20170518
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170518
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170605
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170605
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170605
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170605
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170605
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170605
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170605
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170605
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170605
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170605
Nitrate as N	Water	METHOD	300	LCS	2.41	0.05	96		20170605
Turbidity Lab	Water	NONE	180.1	LCS	6.25	0.1	96		20170605
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170605
Turbidity Lab	Water	NONE	180.1	LCS	6	0.1	92		20170605
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170605
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170605
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170605
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170605

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170605
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13400	1000	107		20170605
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2670	50	107		20170605
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13100	1000	105		20170605
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	105		20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.6	1	93		20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	1	98		20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.1	0.16	98		20170605
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	99		20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20170605
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170605
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170605
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170605
Chloride	Water	METHOD	300	MB	<1.0	1			20170605
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170605
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170605
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170605
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170605
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170605
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170605
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170605
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170605
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170605
Nitrate as N	Water	METHOD	300	LCS	2.41	0.05	96		20170605
Sulfate	Water	METHOD	300	LCS	4.78	0.1	96		20170605
Turbidity Lab	Water	NONE	180.1	LCS	6.21	0.1	95		20170605
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170605
Turbidity Lab	Water	NONE	180.1	LCS	6.64	0.1	102		20170605
Turbidity Lab	Water	NONE	180.1	DUP	0.45	0.1		2	20170605
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170605
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170605
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170605
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170605
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2690	50	108		20170605
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.5	1	96		20170605
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	102	0.05	102		20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.7	0.02	107		20170605
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.3	2.5	103		20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	1	98		20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.9	0.16	102		20170605
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	1	100		20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	1	100		20170605
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	1	100		20170605
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	98		20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	2.5	95		20170605
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	79	50		1	20170605
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.4	1		1	20170605
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	12.8	0.05		2	20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170605
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170605
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.3	1		1	20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170605
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170605
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170605

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1090	50	101		20170605
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.1	2.5	101		20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	100	1	95		20170605
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	116	0.05	103		20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	0.02	99		20170605
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.4	2.5	104		20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	1	99		20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.4	0.16	93		20170605
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	32.1	1	99		20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.6	1	98		20170605
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.5	1	97		20170605
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	0.1	96		20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.5	2.5	94		20170605
Mercury Total	Water	METHOD	1631	MB	<1	1			20170605
Mercury Total	Water	METHOD	1631	MB	<1	1			20170605
Mercury Total	Water	METHOD	1631	MB	<1	1			20170605
Mercury Total	Water	METHOD	1631	QCS	5.19	0.5	104		20170605
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170530
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170530
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.4	1	102		20170530
Nitrate as N	Water	METHOD	300	LCS	2.41	0.05	96		20170530
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170612
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170612
Chloride	Water	METHOD	300	MB	<1.0	1			20170612
Conductivity	Water	NONE	2510	MB	<5.0	5			20170612
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170612
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170612
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170612
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170612
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170612
Conductivity	Water	NONE	2510	MB	<5.0	5			20170612
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170612
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170612
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170612
Conductivity	Water	NONE	2510	LCS	240	5	103		20170612
Nitrate as N	Water	METHOD	300	LCS	2.41	0.05	96		20170612

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrite as N	Water	METHOD	300	LCS	2.32	0.05	93		20170612
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170612
Sulfate	Water	METHOD	300	LCS	4.78	0.1	96		20170612
Turbidity Lab	Water	NONE	180.1	LCS	6.25	0.1	96		20170612
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170612
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170612
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170612
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170612
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170612
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170612
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170612
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170612
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170612
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170612
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170612
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170612
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170612
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.03	0.2	101		20170612
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5200	10	104		20170612
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2670	50	107		20170612
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.1	2.5	98		20170612
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20170612
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	1	98		20170612
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.1	0.16	98		20170612
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	99		20170612
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170612
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49	1	98		20170612
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170612
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20170612
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170612
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2		0	20170612
Total Recoverable Mercury	Water	METHOD	7470-A	MS	4.96	0.2	99		20170612
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170612
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170519
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170519
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20170519

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	DUP	415	10		5	20170519
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170519
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170519
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20170519
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170525
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170525
Total Suspended Solids	Water	NONE	2540-D	MB	<100	100			20170519
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170519
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170519
Total Suspended Solids	Water	NONE	2540-D	MB	<100	100			20170519
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170519
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170519
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170519
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20170605
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170605
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170605
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170605
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170605
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170605
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20170605
Total Recoverable Phosphor	Water	METHOD	365.3	MB	<0.010	0.01			20170605
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170605
Chlorophyll A	Water	METHOD	10200 H	MB	<0.80	0.8			20170605
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170605
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170605
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170605
Total Organic Carbon	Water	NONE	5310-C	LCS	24.9	0.5	104		20170605
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	113	5	93		20170605
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170605
Nitrite as N	Water	METHOD	300	LCS	2.32	0.05	93		20170605
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.48	0.2	87		20170605
Total Recoverable Phosphor	Water	METHOD	365.3	LCS	8.5	0.1	99		20170605
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170605
Nitrite as N	Water	METHOD	300	LCS	2.33	0.05	93		20170605
Chlorophyll A	Water	NONE	10200 H	LCS	4380	110	102		20170605
Chlorophyll A	Water	NONE	10200 H	DLCS	4280	110	100	2	20170605

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	3.11	0.1		1	20170605
Total Organic Carbon	Water	NONE	5310-C	DUP	3.98	0.5		3	20170605
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DUP	4.82	0.2		17	20170605
Total Organic Carbon	Water	NONE	5310-C	DUP	2.5	0.5		3	20170605
Total Organic Carbon	Water	NONE	5310-C	DUP	2.49	0.5		3	20170605
Total Organic Carbon	Water	NONE	5310-C	DUP	2.56	0.5		3	20170605
Total Recoverable Phosphor	Water	METHOD	365.3	DUP	<0.010	0.01			20170605
Ammonia as N	Water	METHOD	4500-NH3 G	MS	7.81	0.25	95		20170605
Total Organic Carbon	Water	NONE	5310-C	MS	31	0.5	108		20170605
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MS	22.4	0.2	83		20170605
Total Recoverable Phosphor	Water	METHOD	365.3	MS	0.502	0.01	100		20170605
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	7.77	0.25	94	1	20170605
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DMS	22.4	0.2	83	1	20170605
Total Recoverable Phosphor	Water	METHOD	365.3	DMS	0.498	0.01	100	1	20170605
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170605
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170605
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13300	1000	106		20170605
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10400	40	104		20170605
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	26600	1000		3	20170605
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	129000	40		1	20170605
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	36300	1000	105		20170605
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	136000	40	82		20170605
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170612
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20170612
Chloride	Water	METHOD	300	MB	<1.0	1			20170612
Conductivity	Water	NONE	2510	MB	<5.0	5			20170612
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170612
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170612
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170612
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170612
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170612
Conductivity	Water	NONE	2510	MB	<5.0	5			20170612
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170612
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	97		20170612
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170612
Chloride	Water	METHOD	300	LCS	4.8	1	95		20170612

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Conductivity	Water	NONE	2510	LCS	240	5	103		20170612
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170612
Nitrite as N	Water	METHOD	300	LCS	2.32	0.05	93		20170612
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170612
Sulfate	Water	METHOD	300	LCS	4.73	0.1	95		20170612
Turbidity Lab	Water	NONE	180.1	LCS	6.21	0.1	95		20170612
Turbidity Lab	Water	NONE	180.1	LCS	6.64	0.1	102		20170612
Total Dissolved Solids	Water	NONE	2540-C	DUP	653	10		1	20170612
pH lab	Water	NONE	4500-H-B	DUP	6.75			1	20170612
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170612
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170612
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170612
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170612
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170612
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170612
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170612
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170612
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170612
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170612
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170612
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170612
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170612
Mercury Total	Water	METHOD	7470-A	LCS	5.03	0.2	101		20170612
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5200	10	104		20170612
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2670	50	107		20170612
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.1	2.5	98		20170612
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20170612
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	1	98		20170612
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.1	0.16	98		20170612
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	99		20170612
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170612
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49	1	98		20170612
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170612
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20170612
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170612
Mercury Total	Water	METHOD	7470-A	DUP	<0.20	0.2		0	20170612

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	12	10		13	20170612
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	147	50		2	20170612
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170612
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.986	0.02		1	20170612
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.6	1		1	20170612
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170612
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	265	1		1	20170612
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.5	1		1	20170612
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.2	1			20170612
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170612
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	94.4	2.5		1	20170612
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170612
Mercury Total	Water	METHOD	7470-A	MS	5.01	0.2	100		20170612
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1810	10	90		20170612
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	103		20170612
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51	2.5	102		20170612
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.4	0.02	102		20170612
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.9	1	91		20170612
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.8	0.16	96		20170612
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	290	1	91		20170612
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.5	1	95		20170612
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.1	1	104		20170612
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.7	0.1	94		20170612
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	115	2.5	81		20170612
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.1	2.5	101		20170612
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170612
Hardness, Total	Water	NONE	2340-B	DUP	449	1		2	20170612
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170605
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170605
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20170605
Chloride	Water	METHOD	300	MB	<1.0	1			20170605
Color	Water	NONE	2120-B	MB	<5.0	5			20170605
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170605
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170605
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170605
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170605

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170605
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20170605
Chloride	Water	METHOD	300	MB	<1.0	1			20170605
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170605
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170605
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170605
Chloride	Water	METHOD	300	MB	<1.0	1			20170605
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	97		20170605
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170605
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170605
Chloride	Water	METHOD	300	LCS	4.77	1	95		20170605
Color	Water	NONE	2120-B	LCS	35	5	100		20170605
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170605
Sulfate	Water	METHOD	300	LCS	4.73	0.1	95		20170605
Turbidity Lab	Water	NONE	180.1	LCS	6.21	0.1	95		20170605
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170605
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20170605
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170605
Sulfate	Water	METHOD	300	LCS	4.73	0.1	95		20170605
Turbidity Lab	Water	NONE	180.1	LCS	6.64	0.1	102		20170605
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170605
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	56.6	5		1	20170605
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.386	0.05		1	20170605
Color	Water	NONE	2120-B	DUP	20	5		1	20170605
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170605
Chloride	Water	METHOD	300	DUP	1.1	1		1	20170605
Nitrate as N	Water	METHOD	300	DUP	<0.050	0.05		NC	20170605
Sulfate	Water	METHOD	300	DUP	2.29	0.1		1	20170605
Turbidity Lab	Water	NONE	180.1	DUP	0.67	0.1		3	20170605
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.32	0.05	93		20170605
Chloride	Water	METHOD	300	MS	5.1	2	100		20170605
Nitrate as N	Water	METHOD	300	MS	4.42	0.1	110		20170605
Sulfate	Water	METHOD	300	MS	6.09	0.2	95		20170605
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.34	0.05	96	3	20170605
Chloride	Water	METHOD	300	DMS	5.1	2	100	1	20170605
Nitrate as N	Water	METHOD	300	DMS	4.47	0.1	112	1	20170605

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	METHOD	300	DMS	6.14	0.2	97	1	20170605
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170605
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170605
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170605
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170605
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170605
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2690	50	108		20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.6	1	93		20170605
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.1	2.5	98		20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.1	103		20170605
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.3	2.5	103		20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	1	98		20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.1	0.16	98		20170605
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	99		20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170605
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49	1	98		20170605
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20170605
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170605
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	69	50		12	20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	25.2	1		1	20170605
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170605
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170605
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.1	1		1	20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170605

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170605
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170605
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1100	50	103		20170605
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	115	1	90		20170605
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.5	2.5	101		20170605
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	0.1	103		20170605
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.6	2.5	106		20170605
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	1	100		20170605
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.8	0.16	98		20170605
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.6	1	102		20170605
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.2	1	101		20170605
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.5	1	99		20170605
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	99		20170605
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	2.5	100		20170605
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170605
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170605
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170605
Mercury Total	Water	METHOD	1631	QCS	5.19	0.5	104		20170605
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20170530
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170530
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170613
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170613
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20170613
Chloride	Water	METHOD	300	MB	<1.0	1			20170613
Color	Water	NONE	2120-B	MB	<5.0	5			20170613
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170613
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170613
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170613
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170613
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170613
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170613
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170613
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170613
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170613
Color	Water	NONE	2120-B	LCS	35	5	100		20170613

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170613
Sulfate	Water	METHOD	300	LCS	4.81	0.1	96		20170613
Turbidity Lab	Water	NONE	180.1	LCS	6	0.1	92		20170613
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170613
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	24	5		1	20170613
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170613
Turbidity Lab	Water	NONE	180.1	DUP	0.64	0.1		5	20170613
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170613
Total Dissolved Solids	Water	NONE	2540-C	DUP	83	10		4	20170613
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170613
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170613
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170613
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170613
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170613
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170613
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20170613
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.2	1	95		20170613
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	2.5	101		20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.02	104		20170613
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10	2.5	100		20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	1	98		20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.6	0.16	99		20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170613

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	2.5	95		20170613
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.8	2.5	98		20170613
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	8800	1000		4	20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50		0	20170613
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000		0	20170613
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000		0	20170613
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	7200	1000		1	20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50		0	20170613
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000		0	20170613
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000		0	20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.7	1		1	20170613
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.021	0.02		3	20170613
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.9	1		1	20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.2	1		NC	20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.8	1		3	20170613
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170613
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170613
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	18300	1000	91		20170613

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1040	50	104		20170613
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10200	1000	102		20170613
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	1000	103		20170613
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	17400	1000	102		20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1020	50	102		20170613
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10500	1000	105		20170613
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10500	1000	105		20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	109	1	92		20170613
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.1	2.5	102		20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	0.02	103		20170613
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	9.9	2.5	99		20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	101		20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.6	0.16	99		20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.6	1	95		20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.5	1	94		20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.3	1	103		20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	0.1	95		20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.5	2.5	94		20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	98.2	1	93		20170613
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.2	2.5	100		20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.7	0.02	103		20170613
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10	2.5	100		20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.9	1	103		20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.1	0.16	98		20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	1	98		20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.8	1	95		20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.9	1	102		20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	0.1	96		20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	2.5	100		20170613
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.7	2.5	97		20170613
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170613
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170613
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170613
Mercury Total	Water	METHOD	1631	QCS	5.19	0.5	104		20170613
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170613
Hardness, Total	Water	NONE	2340-B	DUP	25.5	1		4	20170613

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170613
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	5.1	1		2	20170613
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170523
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170523
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170523
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170523
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170523
Total Suspended Solids	Water	NONE	2540-D	LCS	426	20	99		20170523
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170523
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20170530
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170530
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170606
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170606
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170615
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170615
Total Dissolved Solids	Water	NONE	2540-C	DUP	404	10		5	20170615
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170606
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170606
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170606
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170530
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170530
Total Suspended Solids	Water	NONE	2540-D	LCS	438	20	102		20170530
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170530
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170530
Total Suspended Solids	Water	NONE	2540-D	LCS	438	20	102		20170530
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170613
Chloride	Water	METHOD	300	MB	<1.0	1			20170613
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170613
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170613
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170613
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.1	0.5	99		20170613
Chloride	Water	METHOD	300	LCS	4.7	1	94		20170613
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170613
Sulfate	Water	METHOD	300	LCS	4.82	0.1	96		20170613
Turbidity Lab	Water	NONE	180.1	LCS	6.36	0.1	98		20170613
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.56	0.1		1	20170613

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.51	0.1	97		20170613
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.52	0.1	97	1	20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170613
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.5	1	95		20170613
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	0.05	100		20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.02	106		20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.8	0.16	104		20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	1	100		20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.6	1	105		20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	0.1	99		20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170613
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.4	2.5	104		20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	129	50		4	20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	10.9	1		1	20170613
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	12.5	0.05		1	20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	12.1	1		2	20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170613

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170613
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5		0	20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1140	50	100		20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	106	1	95		20170613
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	118	0.05	105		20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.8	0.02	107		20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.6	1	101		20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.2	0.16	102		20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	37.7	1	102		20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	1	100		20170613
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	55.1	1	110		20170613
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	99		20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	2.5	100		20170613
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.8	2.5	108		20170613
Mercury Total	Water	METHOD	1631	MB	<1	1			20170613
Mercury Total	Water	METHOD	1631	MB	<1	1			20170613
Mercury Total	Water	METHOD	1631	MB	<1	1			20170613
Mercury Total	Water	METHOD	1631	QCS	4.44	0.5	89		20170613
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170615
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170615
Chloride	Water	METHOD	300	MB	<1.0	1			20170615
Conductivity	Water	NONE	2510	MB	<5.0	5			20170615
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170615
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170615
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170615
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170615
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170615
Conductivity	Water	NONE	2510	MB	<5.0	5			20170615
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170615
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.1	0.5	99		20170615
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170615
Conductivity	Water	NONE	2510	LCS	234	5	100		20170615
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170615
Nitrite as N	Water	METHOD	300	LCS	2.46	0.05	98		20170615
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170615
Sulfate	Water	METHOD	300	LCS	4.82	0.1	96		20170615

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	LCS	6.36	0.1	98		20170615
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170615
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170615
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170615
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170615
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170615
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170615
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170615
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170615
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170615
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170615
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170615
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170615
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170615
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.21	0.2	84		20170615
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4960	10	99		20170615
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170615
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.4	2.5	101		20170615
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.02	106		20170615
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170615
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.8	0.16	104		20170615
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	1	100		20170615
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170615
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.6	1	105		20170615
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	0.1	99		20170615
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170615
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.4	2.5	104		20170615
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.80	0.8		0	20170615
Total Recoverable Mercury	Water	METHOD	7470-A	MS	16.3	0.8	81		20170615
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170613
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170613
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170613
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.1	0.5	99		20170613
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170613
Turbidity Lab	Water	NONE	180.1	LCS	6.36	0.1	98		20170613
Turbidity Lab	Water	NONE	180.1	DUP	0.73	0.1		6	20170613

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170613
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170613
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170613
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	100		20170613
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170613
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	97		20170613
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20170613
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.5	1	95		20170613
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.02	106		20170613
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170613
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.8	0.16	104		20170613
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	1	100		20170613
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170613
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170613
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170613
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170607
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.1	0.5	99		20170607
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	MB	<4	4			20170614
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	MB	<4	4			20170614
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20170614
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20170614
Total Chromium	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20170614
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	MB	<0.4	0.4			20170614
Total Recoverable Copper	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20170614
Total Recoverable Lead	Soil	EPA 3050B	6010-C	MB	<2	2			20170614
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20170614
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20170614
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	MB	<4	4			20170614

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20170614
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	MB	<2	2			20170614
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20170614
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	MB	<1.0	1			20170614
Mercury Total	Soil	METHOD	7471-B	MB	<0.02	0.02			20170614
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	LCS	54.5	4	52		20170614
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	LCS	103	4	104		20170614
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	LCS	62.2	0.2	94		20170614
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	LCS	135	0.2	92		20170614
Total Chromium	Soil	EPA 3050B	6010-C	LCS	171	0.8	94		20170614
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	LCS	150	0.4	93		20170614
Total Recoverable Copper	Soil	EPA 3050B	6010-C	LCS	97.8	0.8	92		20170614
Total Recoverable Lead	Soil	EPA 3050B	6010-C	LCS	117	2	90		20170614
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	LCS	401	0.2	98		20170614
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	LCS	139	0.8	93		20170614
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	LCS	141	4	92		20170614
Total Recoverable Silver	Soil	EPA 3050B	6010-C	LCS	39.6	0.8	97		20170614
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	LCS	157	2	90		20170614
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	LCS	93.5	0.8	97		20170614
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	LCS	176	1	92		20170614
Mercury Total	Soil	METHOD	7471-B	LCS	0.516	0.02	103		20170614
Mercury Total	Soil	METHOD	7471-B	LCS	7.17	0.38	101		20170614
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	DUP	<4.0	4		0	20170614
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	DUP	<4.0	4		0	20170614
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	DUP	0.6	0.2		4	20170614
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	DUP	21.4	0.2		3	20170614
Total Chromium	Soil	EPA 3050B	6010-C	DUP	2.04	0.81		2	20170614
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	DUP	41.5	0.4		2	20170614
Total Recoverable Copper	Soil	EPA 3050B	6010-C	DUP	43.6	0.81		4	20170614
Total Recoverable Lead	Soil	EPA 3050B	6010-C	DUP	3.7	2		11	20170614
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	DUP	17300	0.2		2	20170614
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	DUP	199	0.81		2	20170614
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	DUP	6.3	4		2	20170614
Total Recoverable Silver	Soil	EPA 3050B	6010-C	DUP	<0.81	0.81		0	20170614
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	DUP	3.5	2		5	20170614
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	DUP	<0.81	0.81		0	20170614

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	DUP	2470	1		3	20170614
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	MS	59.6	4.1	59		20170614
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	MS	94.3	4.1	93		20170614
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	MS	10	0.2	93		20170614
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	MS	31.1	0.2	89		20170614
Total Chromium	Soil	EPA 3050B	6010-C	MS	40.3	0.81	95		20170614
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	MS	129	0.41	86		20170614
Total Recoverable Copper	Soil	EPA 3050B	6010-C	MS	90.6	0.81	89		20170614
Total Recoverable Lead	Soil	EPA 3050B	6010-C	MS	85.6	2	81		20170614
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	MS	17200	0.2	-489		20170614
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	MS	286	0.81	82		20170614
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	MS	87	4.1	79		20170614
Total Recoverable Silver	Soil	EPA 3050B	6010-C	MS	7.4	0.81	73		20170614
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	MS	19	2	75		20170614
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	MS	99.9	0.81	98		20170614
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	MS	2560	1	13		20170614
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170530
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170530
Total Suspended Solids	Water	NONE	2540-D	LCS	438	20	102		20170530
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170530
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170530
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170530
Total Suspended Solids	Water	NONE	2540-D	LCS	438	20	102		20170530
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170613
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10	0.5	98		20170613
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.65	0.1		1	20170613
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.64	0.1	99		20170613
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.62	0.1	98	1	20170613
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170531
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170531
Total Suspended Solids	Water	NONE	2540-D	LCS	396	20	92		20170531
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170531
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170531
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170531
Total Suspended Solids	Water	NONE	2540-D	LCS	396	20	92		20170531
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170531

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170619
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170619
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170619
Chloride	Water	METHOD	300	MB	<1.0	1			20170619
Color	Water	NONE	2120-B	MB	<5.0	5			20170619
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170619
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170619
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170619
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170619
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170619
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170619
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	97		20170619
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	125	5	101		20170619
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10	0.5	98		20170619
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170619
Color	Water	NONE	2120-B	LCS	35	5	100		20170619
Nitrate as N	Water	METHOD	300	LCS	2.41	0.05	96		20170619
Sulfate	Water	METHOD	300	LCS	4.93	0.1	99		20170619
Turbidity Lab	Water	NONE	180.1	LCS	6.07	0.1	93		20170619
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170619
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170619
Turbidity Lab	Water	NONE	180.1	DUP	0.41	0.1		3	20170619
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.98	0.1	99		20170619
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.98	0.1	99	1	20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170619
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170619

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.5	1	95		20170619
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.4	2.5	101		20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.1	106		20170619
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.1	2.5	101		20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	98		20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.8	0.16	104		20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	1	100		20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170619
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.6	1	105		20170619
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	0.1	99		20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	2.5	98		20170619
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.4	2.5	104		20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.1	1		8	20170619
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		NC	20170619
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		14	20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170619
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170619
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1060	50	106		20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	105	1	93		20170619
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.3	2.5	103		20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.5	0.1	106		20170619
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.2	2.5	102		20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	102		20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.2	0.16	104		20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.1	1	100		20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	1	99		20170619
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	53.2	1	106		20170619

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	99		20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	2.5	99		20170619
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170619
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170619
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170619
Mercury Total	Water	METHOD	1631	QCS	5.14	0.5	103		20170619
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170619
Hardness, Total	Water	NONE	2340-B	DUP	14.9	1		1	20170619
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170612
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.97	0.5	98		20170612
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170602
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170602
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170602
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170602
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170602
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170626
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170626
Total Dissolved Solids	Water	NONE	2540-C	MB	2	2			20170626
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170626
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	97		20170626
Sulfate	Water	METHOD	300	LCS	5.14	0.1	103		20170626
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170626
Sulfate	Water	METHOD	300	DUP	0.9	0.2		1	20170626
Total Dissolved Solids	Water	NONE	2540-C	DUP	63	10		5	20170626
Sulfate	Water	METHOD	300	MS	5.1	0.2	105		20170626
Sulfate	Water	METHOD	300	DMS	5.09	0.2	104	1	20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.5	1	95		20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.02	106		20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	1	100		20170626
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170602
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170602
Total Dissolved Solids	Water	NONE	2540-C	DUP	417	10		2	20170602
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170602

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170602
Total Dissolved Solids	Water	NONE	2540-C	MB	2	2			20170622
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170622
Chloride	Water	METHOD	300	MB	<1.0	1			20170622
Conductivity	Water	NONE	2510	MB	<5.0	5			20170622
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170622
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170622
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170622
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170622
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170622
Conductivity	Water	NONE	2510	MB	<5.0	5			20170622
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170622
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170622
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170622
Conductivity	Water	NONE	2510	LCS	234	5	100		20170622
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170622
Nitrite as N	Water	METHOD	300	LCS	2.42	0.05	97		20170622
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170622
Sulfate	Water	METHOD	300	LCS	4.85	0.1	97		20170622
Turbidity Lab	Water	NONE	180.1	LCS	6.1	0.1	94		20170622
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.67	0.1		1	20170622
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.63	0.1	97		20170622
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.62	0.1	97	1	20170622
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170622
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170622
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170622
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170622
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170622
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170622
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170622
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170622
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170622

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury Total	Water	METHOD	7470-A	LCS	4.78	0.2	96		20170622
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	100		20170622
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	2.5	103		20170622
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	0.02	106		20170622
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	103		20170622
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.1	0.16	102		20170622
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	1	102		20170622
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170622
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.6	1	105		20170622
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170622
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	2.5	100		20170622
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.4	2.5	104		20170622
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170619
Chloride	Water	METHOD	300	MB	<1.0	1			20170619
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170619
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170619
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170619
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170619
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170619
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170619
Sulfate	Water	METHOD	300	LCS	4.85	0.1	97		20170619
Turbidity Lab	Water	NONE	180.1	LCS	6.1	0.1	94		20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170619
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	100		20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	98.2	1	98		20170619

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	102	0.05	102		20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	0.02	106		20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	103		20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.1	0.16	102		20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	1	102		20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170619
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.6	1	105		20170619
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	2.5	100		20170619
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.4	2.5	104		20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	84	50		9	20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.9	1		3	20170619
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.9	0.05		1	20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.6	1		1	20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170619
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170619
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1130	50	104		20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	106	1	96		20170619
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	118	0.05	104		20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.8	0.02	107		20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.6	1	101		20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.2	0.16	102		20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	37.7	1	104		20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	1	100		20170619
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	55.1	1	110		20170619
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	99		20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	2.5	100		20170619
Mercury Total	Water	METHOD	1631	MB	<1	1			20170619
Mercury Total	Water	METHOD	1631	MB	<1	1			20170619
Mercury Total	Water	METHOD	1631	MB	<1	1			20170619
Mercury Total	Water	METHOD	1631	MS	50.4	1	101		20170619

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury Total	Water	METHOD	1631	DMS	50.6	1	101	1	20170619
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170619
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170619
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170619
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170619
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170619
Turbidity Lab	Water	NONE	180.1	LCS	6.1	0.1	94		20170619
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170619
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170619
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170619
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	100		20170619
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170619
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	97		20170619
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20170619
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	98.2	1	98		20170619
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	0.02	106		20170619
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	103		20170619
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.1	0.16	102		20170619
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	1	102		20170619
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170619
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	2.5	100		20170619
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170619
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170614
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170614
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.65	0.1		1	20170614
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.67	0.1	101		20170614
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.65	0.1	100	1	20170614
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170608

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170608
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20170608
Total Suspended Solids	Water	NONE	2540-D	DLCS	410	20	96	1	20170608
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170608
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170608
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20170608
Total Suspended Solids	Water	NONE	2540-D	DLCS	410	20	96	1	20170608
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170614
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170614
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.26	0.1		1	20170614
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.31	0.1	102		20170614
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.29	0.1	101	1	20170614
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170626
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170626
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170626
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170626
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170626
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170626
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170626
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170626
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170626
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.85	0.5	97		20170626
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170626
Turbidity Lab	Water	NONE	180.1	LCS	6.04	0.1	93		20170626
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20170626
Turbidity Lab	Water	NONE	180.1	LCS	6.32	0.1	97		20170626
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170626
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170626
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.40	0.4			20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170626

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20170626
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11900	1000	95		20170626
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	97		20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.3	1	94		20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.02	104		20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	103		20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	0.16	100		20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.4	105		20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	1	100		20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20170626
Mercury Total	Water	METHOD	1631	MB	<1	1			20170626
Mercury Total	Water	METHOD	1631	MB	<1	1			20170626
Mercury Total	Water	METHOD	1631	MB	<1	1			20170626
Mercury Total	Water	METHOD	1631	MS	49.6	1	99		20170626
Mercury Total	Water	METHOD	1631	DMS	49.4	1	99	1	20170626
Mercury Total	Water	METHOD	1631	QCS	5.14	0.5	103		20170626
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170626
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170620
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170620
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.85	0.5	97		20170620
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170620
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170626
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170626
Chloride	Water	METHOD	300	MB	<1.0	1			20170626
Conductivity	Water	NONE	2510	MB	<5.0	5			20170626
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170626
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170626
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170626
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170626
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170626
Conductivity	Water	NONE	2510	MB	<5.0	5			20170626
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170626
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170626
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.85	0.5	97		20170626
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170626
Conductivity	Water	NONE	2510	LCS	234	5	100		20170626

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170626
Nitrite as N	Water	METHOD	300	LCS	2.41	0.05	97		20170626
pH lab	Water	NONE	4500-H-B	LCS	7.68		100		20170626
Sulfate	Water	METHOD	300	LCS	4.92	0.1	98		20170626
Turbidity Lab	Water	NONE	180.1	LCS	6.04	0.1	93		20170626
Turbidity Lab	Water	NONE	180.1	LCS	6.32	0.1	97		20170626
pH lab	Water	NONE	4500-H-B	DUP	7.03			1	20170626
Turbidity Lab	Water	NONE	180.1	DUP	170	1		6	20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170626
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170626
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.40	0.4			20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170626
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170626
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4780	50	96		20170626
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20170626
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.8	2.5	106		20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.02	104		20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	103		20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	0.16	100		20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.4	105		20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	1	100		20170626
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	1	102		20170626
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	98		20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20170626
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.7	2.5	107		20170626
Mercury Total	Water	METHOD	7470-A	LCS	4.69	0.2	94		20170626
Mercury Total	Water	METHOD	7470-A	DUP	<0.20	0.2			20170626
Mercury Total	Water	METHOD	7470-A	MS	4.38	0.2	88		20170626

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170612
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170612
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170612
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170612
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170612
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170612
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170612
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170612
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170612
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170612
Total Dissolved Solids	Water	NONE	2540-C	MB	2	2			20170626
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170626
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170626
Chloride	Water	METHOD	300	MB	<1.0	1			20170626
Color	Water	NONE	2120-B	MB	<5.0	5			20170626
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170626
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170626
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170626
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170626
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170626
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170626
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170626
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20170626
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170626
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.85	0.5	97		20170626
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170626
Color	Water	NONE	2120-B	LCS	35	5	100		20170626
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170626
Sulfate	Water	METHOD	300	LCS	4.9	0.1	98		20170626
Turbidity Lab	Water	NONE	180.1	LCS	6.04	0.1	93		20170626
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20170626
Sulfate	Water	METHOD	300	LCS	5.14	0.1	103		20170626
Turbidity Lab	Water	NONE	180.1	LCS	6.32	0.1	97		20170626
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	30.6	5		1	20170626
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170626
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170626

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	DUP	61	10		1	20170626
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.99	0.1	100		20170626
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.97	0.1	99	1	20170626
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170626
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170626
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170626
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170626
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.40	0.4			20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170626
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170626
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170626
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20170626
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20170626
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	97		20170626
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.7	1	93		20170626
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	2.5	103		20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	0.02	104		20170626
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.3	2.5	103		20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	1	102		20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	0.16	101		20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	0.4	107		20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	1	100		20170626
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	1	103		20170626
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	99		20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	2.5	94		20170626
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.7	2.5	107		20170626
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	12500	1000		1	20170626

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	50	50		NC	20170626
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1000	1000		1	20170626
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000			20170626
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	23000	1000		2	20170626
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	74	50		5	20170626
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	2100	1000		2	20170626
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4000	1000		1	20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	20.6	1		2	20170626
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170626
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	4.8	1		NC	20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.53	0.4		4	20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170626
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170626
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.6	2.5		NC	20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	21.8	1		3	20170626
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170626
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.49	0.4		2	20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170626
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170626
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170626
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170626
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	22700	1000	102		20170626
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1060	50	106		20170626
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10800	1000	98		20170626
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11000	1000	110		20170626
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	32700	1000	92		20170626
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1120	50	104		20170626

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	12000	1000	99		20170626
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14100	1000	100		20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	110	1	89		20170626
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52	2.5	104		20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.5	0.02	102		20170626
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.1	2.5	101		20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.4	1	107		20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.4	0.16	101		20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	28.3	0.4	107		20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	1	98		20170626
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.9	1	102		20170626
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.1	0.1	96		20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.6	2.5	95		20170626
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	113	1	92		20170626
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.8	2.5	106		20170626
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	0.02	103		20170626
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.5	2.5	105		20170626
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.2	1	106		20170626
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.5	0.16	103		20170626
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	35.9	0.4	105		20170626
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	1	100		20170626
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.9	1	102		20170626
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	0.1	100		20170626
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.7	2.5	95		20170626
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	11.7	2.5	117		20170626
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170626
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	6.1	1		1	20170626
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170626
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170626
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170626
Mercury Total	Water	METHOD	1631	QCS	5.14	0.5	103		20170626
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170615
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170615
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170615
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170615
Total Suspended Solids	Water	NONE	2540-D	LCS	408	20	95		20170615

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	DLCS	408	20	95	1	20170615
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170622
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170622
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170622
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170622
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.85	0.5	97		20170622
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170622
Turbidity Lab	Water	NONE	180.1	LCS	6.04	0.1	93		20170622
Turbidity Lab	Water	NONE	180.1	LCS	6.32	0.1	97		20170622
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170622
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170622
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170622
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170622
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170622
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.40	0.4			20170622
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170622
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20170622
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11900	1000	95		20170622
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	97		20170622
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.3	1	94		20170622
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.02	104		20170622
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	103		20170622
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	0.16	100		20170622
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.4	105		20170622
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	1	100		20170622
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20170622
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170622
Mercury Total	Water	METHOD	1631	MB	<1	1			20170622
Mercury Total	Water	METHOD	1631	MB	<1	1			20170622
Mercury Total	Water	METHOD	1631	MB	<1	1			20170622
Mercury Total	Water	METHOD	1631	QCS	5.14	0.5	103		20170622
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170614
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170614

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170614
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170614
Total Suspended Solids	Water	NONE	2540-D	LCS	408	20	95		20170614
Total Suspended Solids	Water	NONE	2540-D	DLCS	408	20	95	1	20170614
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170622
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170622
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170622
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170622
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170622
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.85	0.5	97		20170622
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170622
Sulfate	Water	METHOD	300	LCS	5.14	0.1	103		20170622
Turbidity Lab	Water	NONE	180.1	LCS	6.04	0.1	93		20170622
Turbidity Lab	Water	NONE	180.1	LCS	6.32	0.1	97		20170622
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170622
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170622
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170622
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.40	0.4			20170622
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170622
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170622
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170622
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20170622
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.3	1	94		20170622
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.02	104		20170622
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	103		20170622
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	0.16	100		20170622
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.1	0.4	105		20170622
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	1	100		20170622
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	1	102		20170622
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	98		20170622
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20170622
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	101	50		5	20170622
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.3	1		1	20170622

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170622
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170622
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170622
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.3	0.4		1	20170622
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170622
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170622
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170622
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170622
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1090	50	99		20170622
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	103	1	94		20170622
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	0.02	104		20170622
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	102		20170622
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.2	0.16	100		20170622
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	37.4	0.4	104		20170622
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	1	100		20170622
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.4	1	103		20170622
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	98		20170622
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	2.5	97		20170622
Mercury Total	Water	METHOD	1631	MB	<1	1			20170622
Mercury Total	Water	METHOD	1631	MB	<1	1			20170622
Mercury Total	Water	METHOD	1631	MB	<1	1			20170622
Mercury Total	Water	METHOD	1631	QCS	5.14	0.5	103		20170622
Total Dissolved Solids	Water	NONE	2540-C	MB	2	2			20170621
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170621
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170621
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20170621
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170621
Total Dissolved Solids	Water	NONE	2540-C	MB	2	2			20170621
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170621
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170621
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20170621
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170621
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170703
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170703
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170703
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170703

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.4	1	92		20170703
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170703
Sulfate	Water	METHOD	300	LCS	4.86	0.1	97		20170703
Turbidity Lab	Water	NONE	180.1	LCS	6.06	0.1	93		20170703
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170703
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170703
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170703
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170703
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170703
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170703
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170703
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170703
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170703
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170703
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	98		20170703
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97.7	1	98		20170703
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	0.02	96		20170703
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170703
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.2	0.16	92		20170703
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170703
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170703
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.4	1	97		20170703
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	94		20170703
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170703
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	66	50		3	20170703
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.1	1		1	20170703
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170703
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170703
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170703
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.7	1		2	20170703
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170703
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170703
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170703
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170703
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1090	50	102		20170703
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	103	1	97		20170703

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.1	0.02	97		20170703
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.6	1	101		20170703
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.2	0.16	92		20170703
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	37.9	1	104		20170703
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.6	1	98		20170703
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.6	1	99		20170703
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.4	0.1	91		20170703
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	2.5	97		20170703
Mercury Total	Water	METHOD	1631	MB	<1	1			20170703
Mercury Total	Water	METHOD	1631	MB	<1	1			20170703
Mercury Total	Water	METHOD	1631	MB	<1	1			20170703
Mercury Total	Water	METHOD	1631	MS	53.4	1	107		20170703
Mercury Total	Water	METHOD	1631	DMS	52.7	1	105	1	20170703
Mercury Total	Water	METHOD	1631	QCS	5.3	0.5	106		20170703
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170703
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170703
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170703
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.4	1	92		20170703
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170703
Turbidity Lab	Water	NONE	180.1	LCS	6.06	0.1	93		20170703
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170703
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170703
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170703
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170703
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170703
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170703
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170703
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170703
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170703
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170703
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	98		20170703
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20170703
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170703
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97.7	1	98		20170703
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	0.02	96		20170703
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170703

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.2	0.16	92		20170703
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170703
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170703
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170703
Mercury Total	Water	METHOD	1631	MB	<1	1			20170703
Mercury Total	Water	METHOD	1631	MB	<1	1			20170703
Mercury Total	Water	METHOD	1631	MB	<1	1			20170703
Mercury Total	Water	METHOD	1631	QCS	5.3	0.5	106		20170703
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170703
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170705
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170705
Chloride	Water	METHOD	300	MB	<1.0	1			20170705
Conductivity	Water	NONE	2510	MB	<5.0	5			20170705
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170705
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170705
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170705
Turbidity Lab	Water	NONE	180.1	MB	<0.20	0.2			20170705
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170705
Conductivity	Water	NONE	2510	MB	<5.0	5			20170705
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170705
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.75	0.5	96		20170705
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170705
Conductivity	Water	NONE	2510	LCS	234	5	100		20170705
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170705
Nitrite as N	Water	METHOD	300	LCS	2.43	0.05	97		20170705
pH lab	Water	NONE	4500-H-B	LCS	7.69		100		20170705
Sulfate	Water	METHOD	300	LCS	5.05	0.1	101		20170705
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170705
pH lab	Water	NONE	4500-H-B	DUP	7.01			1	20170705
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170705
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170705
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170705
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170705
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170705
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170705
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170705

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170705
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170705
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170705
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170705
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170705
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170705
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5160	10	103		20170705
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	98		20170705
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	2.5	103		20170705
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	0.02	96		20170705
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170705
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.2	0.16	92		20170705
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170705
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170705
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.4	1	97		20170705
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	94		20170705
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170705
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170705
Mercury Total	Water	METHOD	7470-A	LCS	5.31	0.2	106		20170705
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170710
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170710
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170710
Chloride	Water	METHOD	300	MB	<1.0	1			20170710
Color	Water	NONE	2120-B	MB	<5.0	5			20170710
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170710
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170710
Turbidity Lab	Water	NONE	180.1	MB	<0.20	0.2			20170710
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170710
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170710
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170710
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170710
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	123	5	99		20170710
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	1.95	0.1	96		20170710
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170710
Color	Water	NONE	2120-B	LCS	35	5	100		20170710
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170710

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	METHOD	300	LCS	5.05	0.1	101		20170710
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170710
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170710
Total Dissolved Solids	Water	NONE	2540-C	DUP	379	10		3	20170710
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	63.4	5		1	20170710
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.93	0.1		1	20170710
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170710
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.92	0.1	99		20170710
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.9	0.1	98	1	20170710
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170710
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	20	100		20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	98		20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97.7	1	98		20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	0.02	96		20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.2	0.16	92		20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170710
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20170710
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.4	1	97		20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20170710
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	84800	20		1	20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	17.7	1		2	20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.022	0.02		NC	20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.7	1		3	20170710

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170710
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170710
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	92700	20	81		20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1050	50	105		20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	113	1	96		20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	0.02	97		20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	101		20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.4	0.16	93		20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	32.9	1	102		20170710
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	1	98		20170710
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.9	1	98		20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	2.5	99		20170710
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170710
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170710
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170710
Mercury Dissolved	Water	METHOD	1631	MS	54.6	1	106		20170710
Mercury Dissolved	Water	METHOD	1631	DMS	55.5	1	108	2	20170710
Mercury Total	Water	METHOD	1631	QCS	5.52	0.5	110		20170710
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170710
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170710
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170710
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	1.95	0.1	96		20170710
Nitrate as N	Water	NONE	300	LCS	2.38	0.05	95		20170710
Turbidity Lab	Water	NONE	180.1	LCS	6.21	0.1	95		20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170710
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170710
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2540	50	102		20170710

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170710
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.6	1	92		20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170710
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	90	50		1	20170710
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4400	1000		1	20170710
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	12100	1000		2	20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1120	50	103		20170710
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14800	1000	105		20170710
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	22700	1000	107		20170710
Mercury Total	Water	METHOD	1631	MB	<1	1			20170710
Mercury Total	Water	METHOD	1631	MB	<1	1			20170710
Mercury Total	Water	METHOD	1631	MB	<1	1			20170710
Mercury Total	Water	METHOD	1631	QCS	5.3	0.5	106		20170710
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170710
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	42.7	1		1	20170710
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170710
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170710
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170710
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170710
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170710
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	1.95	0.1	96		20170710
Nitrate as N	Water	NONE	300	LCS	2.38	0.05	95		20170710
Sulfate	Water	METHOD	300	LCS	5.09	0.1	102		20170710
Turbidity Lab	Water	NONE	180.1	LCS	6.21	0.1	95		20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170710
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170710
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2540	50	102		20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.6	1	92		20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170710
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20170710
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	1	102		20170710
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	0.1	99		20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.6	1		13	20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.2	1		3	20170710
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170710
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170710
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170710
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	100	1	94		20170710
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	0.02	101		20170710
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13	1	104		20170710
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.8	0.16	98		20170710
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	33.7	1	97		20170710
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	1	100		20170710
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.2	1	104		20170710
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	99		20170710
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.4	2.5	94		20170710
Mercury Total	Water	METHOD	1631	MB	<1	1			20170710
Mercury Total	Water	METHOD	1631	MB	<1	1			20170710
Mercury Total	Water	METHOD	1631	MB	<1	1			20170710
Mercury Total	Water	METHOD	1631	QCS	5.3	0.5	106		20170710

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170710
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170623
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170623
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170623
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170623
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170623
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170623
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170623
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170623
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170623
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170623
Total Recoverable Arsenic	Misc. Solid		6010-C	MB	<0.050	0.05			20170630
Total Recoverable Barium	Misc. Solid		6010-C	MB	<1.0	1			20170630
Total Recoverable Cadmium	Misc. Solid		6010-C	MB	<0.050	0.05			20170630
Total Chromium	Misc. Solid		6010-C	MB	<0.050	0.05			20170630
Total Recoverable Lead	Misc. Solid		6010-C	MB	<0.050	0.05			20170630
Total Recoverable Selenium	Misc. Solid		6010-C	MB	<0.10	0.1			20170630
Total Recoverable Silver	Misc. Solid		6010-C	MB	<0.050	0.05			20170630
Mercury Total	Misc. Solid		7470-A	MB	<0.0010	0.001			20170630
Total Recoverable Arsenic	Misc. Solid		6010-C	LCS	4.75	0.05	95		20170630
Total Recoverable Barium	Misc. Solid		6010-C	LCS	9.5	1	95		20170630
Total Recoverable Cadmium	Misc. Solid		6010-C	LCS	0.923	0.05	92		20170630
Total Chromium	Misc. Solid		6010-C	LCS	4.72	0.05	94		20170630
Total Recoverable Lead	Misc. Solid		6010-C	LCS	4.4	0.05	88		20170630
Total Recoverable Selenium	Misc. Solid		6010-C	LCS	0.87	0.1	87		20170630
Total Recoverable Silver	Misc. Solid		6010-C	LCS	0.864	0.05	86		20170630
Mercury Total	Misc. Solid		7470-A	LCS	0.0048	0.001	96		20170630
Total Recoverable Arsenic	Misc. Solid		6010-C	DUP	<0.050	0.05			20170630
Total Recoverable Barium	Misc. Solid		6010-C	DUP	<1.0	1			20170630
Total Recoverable Cadmium	Misc. Solid		6010-C	DUP	<0.050	0.05			20170630
Total Chromium	Misc. Solid		6010-C	DUP	<0.050	0.05			20170630
Total Recoverable Lead	Misc. Solid		6010-C	DUP	<0.050	0.05			20170630
Total Recoverable Selenium	Misc. Solid		6010-C	DUP	<0.10	0.1			20170630
Total Recoverable Silver	Misc. Solid		6010-C	DUP	<0.050	0.05			20170630
Mercury Total	Misc. Solid		7470-A	DUP	<0.0010	0.001			20170630
Total Recoverable Arsenic	Misc. Solid		6010-C	MS	4.69	0.05	94		20170630

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Barium	Misc. Solid		6010-C	MS	9.5	1	95		20170630
Total Recoverable Cadmium	Misc. Solid		6010-C	MS	0.899	0.05	90		20170630
Total Chromium	Misc. Solid		6010-C	MS	4.68	0.05	94		20170630
Total Recoverable Lead	Misc. Solid		6010-C	MS	4.34	0.05	87		20170630
Total Recoverable Selenium	Misc. Solid		6010-C	MS	0.85	0.1	85		20170630
Total Recoverable Silver	Misc. Solid		6010-C	MS	0.851	0.05	85		20170630
Mercury Total	Misc. Solid		7470-A	MS	0.0048	0.001	96		20170630
2-Methylphenol	Misc. Solid		8270D	MB	<0.10	0.1			20170630
4-Methylphenol	Misc. Solid		8270D	MB	<0.10	0.1			20170630
Pentachlorophenol	Misc. Solid		8270D	MB	<0.25	0.25			20170630
2-Fluorophenol	Misc. Solid		8270D	SURR	69	0	69		20170630
Phenol-d6	Misc. Solid		8270D	SURR	74	0	74		20170630
2,4,6-Tribromophenol	Misc. Solid		8270D	SURR	86	0	86		20170630
2-Methylphenol	Misc. Solid		8270D	MS	1.14	0.1	84		20170630
4-Methylphenol	Misc. Solid		8270D	MS	1.62	0.1	94		20170630
Pentachlorophenol	Misc. Solid		8270D	MS	1.22	0.25	122		20170630
2-Fluorophenol	Misc. Solid		8270D	SURR	71	0	71		20170630
Phenol-d6	Misc. Solid		8270D	SURR	77	0	77		20170630
2,4,6-Tribromophenol	Misc. Solid		8270D	SURR	100	0	100		20170630
2-Methylphenol	Misc. Solid		8270D	LCS	0.759	0.1	76		20170630
4-Methylphenol	Misc. Solid		8270D	LCS	0.784	0.1	78		20170630
Pentachlorophenol	Misc. Solid		8270D	LCS	0.766	0.25	77		20170630
2-Fluorophenol	Misc. Solid		8270D	SURR	71	0	71		20170630
Phenol-d6	Misc. Solid		8270D	SURR	70	0	70		20170630
2,4,6-Tribromophenol	Misc. Solid		8270D	SURR	90	0	90		20170630
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170717
Chloride	Water	METHOD	300	MB	<1.0	1			20170717
Conductivity	Water	NONE	2510	MB	<5.0	5			20170717
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170717
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170717
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170717
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Conductivity	Water	NONE	2510	MB	<5.0	5			20170717
Total Dissolved Solids	Water	NONE	2540-C	LCS	1670	10	102		20170717
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.75	0.5	96		20170717

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chloride	Water	METHOD	300	LCS	4.8	1	96		20170717
Conductivity	Water	NONE	2510	LCS	235	5	100		20170717
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170717
Nitrite as N	Water	METHOD	300	LCS	2.38	0.05	95		20170717
pH lab	Water	NONE	4500-H-B	LCS	7.65		99		20170717
Sulfate	Water	METHOD	300	LCS	4.8	0.1	96		20170717
Turbidity Lab	Water	NONE	180.1	LCS	6.21	0.1	95		20170717
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170717
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170717
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170717
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170717
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170717
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170717
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5210	10	104		20170717
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2540	50	102		20170717
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.4	2.5	107		20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170717
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170717
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170717
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20170717
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	1	102		20170717
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	0.1	99		20170717
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170717
Mercury Total	Water	METHOD	7470-A	LCS	4.88	0.2	98		20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170717
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1670	10	102		20170717
Sulfate	Water	METHOD	300	LCS	5.16	0.1	103		20170717
Sulfate	Water	METHOD	300	DUP	0.29	0.2		6	20170717
Sulfate	Water	METHOD	300	DUP	3.16	0.2		3	20170717
Sulfate	Water	METHOD	300	MS	4.6	0.2	107		20170717
Sulfate	Water	METHOD	300	MS	7.53	0.2	107		20170717
Sulfate	Water	METHOD	300	DMS	4.62	0.2	108	1	20170717
Sulfate	Water	METHOD	300	DMS	7.53	0.2	107	1	20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.7	1	95		20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	0.02	102		20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	99		20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	157	1		1	20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	18.9	1		1	20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	256	1	97		20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.6	0.02	103		20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	43.7	1	100		20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170717
Chloride	Water	METHOD	300	MB	<1.0	1			20170717
Conductivity	Water	NONE	2510	MB	<5.0	5			20170717
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170717
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170717
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170717
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Conductivity	Water	NONE	2510	MB	<5.0	5			20170717
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170717
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170717
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170717
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170717
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170717
Conductivity	Water	NONE	2510	LCS	235	5	100		20170717

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170717
Nitrite as N	Water	METHOD	300	LCS	2.38	0.05	95		20170717
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170717
Sulfate	Water	METHOD	300	LCS	5.05	0.1	101		20170717
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170717
Turbidity Lab	Water	NONE	180.1	LCS	6.2	0.1	95		20170717
Turbidity Lab	Water	NONE	180.1	LCS	6.29	0.1	97		20170717
Total Dissolved Solids	Water	NONE	2540-C	DUP	601	10		1	20170717
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.13	0.1		2	20170717
Turbidity Lab	Water	NONE	180.1	DUP	3.2	0.1		2	20170717
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.06	0.1	96		20170717
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.05	0.1	96	1	20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170717
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170717
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170717
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170717
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170717
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170717
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5210	10	104		20170717
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2540	50	102		20170717
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.4	2.5	107		20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170717
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170717
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170717
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20170717
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	1	102		20170717
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	0.1	99		20170717
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170717

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170717
Mercury Total	Water	METHOD	7470-A	LCS	4.88	0.2	98		20170717
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5		0	20170717
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.2	2.5	102		20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170717
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170717
Chloride	Water	METHOD	300	MB	<1.0	1			20170717
Color	Water	NONE	2120-B	MB	<5.0	5			20170717
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170717
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170717
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170717
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170717
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170717
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170717
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170717
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170717
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170717
Color	Water	NONE	2120-B	LCS	35	5	100		20170717
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170717
Sulfate	Water	METHOD	300	LCS	5.05	0.1	101		20170717
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170717
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20170717
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170717
Turbidity Lab	Water	NONE	180.1	LCS	6.2	0.1	95		20170717
Turbidity Lab	Water	NONE	180.1	LCS	6.29	0.1	97		20170717
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	46	5		1	20170717
Total Dissolved Solids	Water	NONE	2540-C	DUP	75	10		4	20170717
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170717
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170717
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2540	50	102		20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.6	1	92		20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170717
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170717
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170717
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20170717
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	1	102		20170717
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170717
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170717
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170717
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170717
Mercury Total	Water	METHOD	1631	QCS	4.93	0.5	99		20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170711
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170711
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170711
Chloride	Water	METHOD	300	MB	<1.0	1			20170711
Color	Water	NONE	2120-B	MB	<5.0	5			20170711
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170711
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170711
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170711
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170711
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170711
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170711
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170711
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170711
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170711
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170711
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170711
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170711
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170711

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Color	Water	NONE	2120-B	LCS	35	5	100		20170711
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170711
Sulfate	Water	METHOD	300	LCS	5.05	0.1	101		20170711
Turbidity Lab	Water	NONE	180.1	LCS	5.89	0.1	90		20170711
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20170711
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170711
Turbidity Lab	Water	NONE	180.1	LCS	6.2	0.1	95		20170711
Turbidity Lab	Water	NONE	180.1	LCS	6.29	0.1	97		20170711
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170711
Chloride	Water	METHOD	300	DUP	<1.0	1		NC	20170711
Nitrate as N	Water	METHOD	300	DUP	0.097	0.05		1	20170711
Sulfate	Water	METHOD	300	DUP	1.36	0.1		1	20170711
Total Suspended Solids	Water	NONE	2540-D	DUP	4	4		NC	20170711
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.03	0.1	101		20170711
Chloride	Water	METHOD	300	MS	4.4	2	110		20170711
Nitrate as N	Water	METHOD	300	MS	4.31	0.1	105		20170711
Sulfate	Water	METHOD	300	MS	5.66	0.2	107		20170711
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.01	0.1	101	1	20170711
Chloride	Water	METHOD	300	DMS	4.4	2	109	1	20170711
Nitrate as N	Water	METHOD	300	DMS	4.3	0.1	105	1	20170711
Sulfate	Water	METHOD	300	DMS	5.64	0.2	107	1	20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170711
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2540	50	102		20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.6	1	92		20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	1	107		20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170711
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20170711

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20170711
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	1	102		20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50		0	20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5	1		4	20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170711
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170711
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170711
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1040	50	104		20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	100	1	95		20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.6	0.02	102		20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.9	1	111		20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.3	0.16	101		20170711
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.6	1	102		20170711
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	1	103		20170711
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.8	1	104		20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	2.5	99		20170711
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170711
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170711
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170711
Mercury Total	Water	METHOD	1631	QCS	4.93	0.5	99		20170711
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170706
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170706
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170706
Total Suspended Solids	Water	NONE	2540-D	LCS	406	20	95		20170706
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170706
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170706
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170706
Total Suspended Solids	Water	NONE	2540-D	LCS	406	20	95		20170706
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170711
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170711
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170711

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170711
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170711
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170711
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170711
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170711
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170711
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170711
Sulfate	Water	METHOD	300	LCS	5.09	0.1	102		20170711
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170711
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170711
Turbidity Lab	Water	NONE	180.1	DUP	3.04	0.1		10	20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170711
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.6	1	95		20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.02	93		20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13	1	104		20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170711
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170711
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170711
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20170711
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	0.1	92		20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	54	50			20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.7	1		5	20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170711

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.7	1		1	20170711
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170711
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170711
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1060	50	106		20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	95.8	1	89		20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.8	0.02	91		20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	1	95		20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.1	0.16	92		20170711
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	40	1	92		20170711
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.3	1	93		20170711
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.5	1	95		20170711
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.9	0.1	88		20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	2.5	99		20170711
Mercury Total	Water	METHOD	1631	MB	<1	1			20170711
Mercury Total	Water	METHOD	1631	MB	<1	1			20170711
Mercury Total	Water	METHOD	1631	MB	<1	1			20170711
Mercury Total	Water	METHOD	1631	QCS	4.93	0.5	99		20170711
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170711
Hardness, Total	Water	NONE	2340-B	DUP	260	1		1	20170711
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170717
Chloride	Water	METHOD	300	MB	<1.0	1			20170717
Conductivity	Water	NONE	2510	MB	<5.0	5			20170717
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170717
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170717
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170717
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Conductivity	Water	NONE	2510	MB	<5.0	5			20170717
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170717
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170717
Chloride	Water	METHOD	300	LCS	4.9	1	97		20170717
Conductivity	Water	NONE	2510	LCS	235	5	100		20170717
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170717

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrite as N	Water	METHOD	300	LCS	2.34	0.05	94		20170717
pH lab	Water	NONE	4500-H-B	LCS	7.69		100		20170717
Sulfate	Water	METHOD	300	LCS	5.09	0.1	102		20170717
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170717
pH lab	Water	NONE	4500-H-B	DUP	6.99			1	20170717
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170717
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170717
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170717
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170717
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170717
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170717
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170717
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170717
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5210	10	104		20170717
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170717
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	2.5	103		20170717
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.02	93		20170717
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13	1	104		20170717
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170717
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170717
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170717
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20170717
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	0.1	92		20170717
Mercury Total	Water	METHOD	7470-A	LCS	5.26	0.2	105		20170717
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20170717
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170717
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170711
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170711
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170711
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170711

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170711
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170711
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170711
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170711
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170711
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170711
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170711
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170711
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170711
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170711
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170711
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170711
Total Suspended Solids	Water	NONE	2540-D	DLCS	424	20	99	2	20170711
Total Suspended Solids	Water	NONE	2540-D	DUP	563	10		4	20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170711
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170711
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170711
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170711
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20170711
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13100	1000	105		20170711
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.6	1	95		20170711
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.02	93		20170711
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13	1	104		20170711
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170711
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170711
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170711
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	102	50		8	20170711
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4200	1000		1	20170711

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	12300	1000		1	20170711
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1120	50	101		20170711
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14000	1000	98		20170711
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	21900	1000	96		20170711
Mercury Total	Water	METHOD	1631	MB	<1	1			20170711
Mercury Total	Water	METHOD	1631	MB	<1	1			20170711
Mercury Total	Water	METHOD	1631	MB	<1	1			20170711
Mercury Total	Water	METHOD	1631	MS	51.2	1	102		20170711
Mercury Total	Water	METHOD	1631	DMS	51.2	1	102	1	20170711
Mercury Total	Water	METHOD	1631	QCS	5.23	0.5	105		20170711
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170711
Hardness, Total	Water	NONE	2340-B	DUP	130	1		1	20170711
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170711
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	42.5	1		1	20170711
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170713
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170713
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170713
pH lab	Water	NONE	4500-H-B	LCS	7.69		100		20170713
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170713
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20170713
Turbidity Lab	Water	NONE	180.1	DUP	4.21	0.1		1	20170713
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170713
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170713
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170713
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170713
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170713
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170713
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170713
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170713
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170713
Mercury Total	Water	METHOD	7470-A	MB	<0.20	0.2			20170713
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170713
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170713
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170713
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	2.5	103		20170713
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	2.53	0.02	101		20170713

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.02	93		20170713
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13	1	104		20170713
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170713
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170713
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20170713
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	0.1	92		20170713
Mercury Total	Water	METHOD	7470-A	LCS	5.26	0.2	105		20170713
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.05	98		20170713
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20170713
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.777	0.05		7	20170713
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170713
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.8	0.05	104		20170713
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.8	2.5	107		20170713
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170713
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170713
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170713
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170713
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170713
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170713
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170713
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170713
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170713
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170713
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170713
Sulfate	Water	METHOD	300	LCS	5.09	0.1	102		20170713
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170713
Total Suspended Solids	Water	NONE	2540-D	LCS	420	20	98		20170713
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170713
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170713
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170713
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170713
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170713
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170713
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170713
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170713
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170713

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170713
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170713
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170713
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170713
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20170713
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2530	50	101		20170713
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20170713
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13100	1000	105		20170713
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.6	1	95		20170713
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	0.02	93		20170713
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13	1	104		20170713
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	0.16	98		20170713
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170713
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170713
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20170713
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	0.1	92		20170713
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20170713
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	36.7	1		3	20170713
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170713
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170713
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170713
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	27.6	1		2	20170713
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170713
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.8	1		3	20170713
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170713
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	131	1	93		20170713
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.1	0.02	96		20170713
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	102		20170713
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.8	0.16	98		20170713
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	53.3	1	101		20170713
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	1	99		20170713
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.9	1	102		20170713
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.8	0.1	94		20170713
Mercury Total	Water	METHOD	1631	MB	<1	1			20170713
Mercury Total	Water	METHOD	1631	MB	<1	1			20170713
Mercury Total	Water	METHOD	1631	MB	<1	1			20170713

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury Total	Water	METHOD	1631	QCS	5.23	0.5	105		20170713
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170713
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170713
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170726
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170726
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170726
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20170726
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170726
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170726
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20170726
Phosphorus	Water	METHOD	365.3	MB	<0.010	0.01			20170726
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170726
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20170726
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170726
Total Organic Carbon	Water	NONE	5310-C	LCS	24.4	0.5	102		20170726
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	116	5	96		20170726
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170726
Nitrite as N	Water	METHOD	300	LCS	2.33	0.05	93		20170726
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.96	0.2	104		20170726
Phosphorus	Water	METHOD	365.3	LCS	8.78	0.1	102		20170726
Total Organic Carbon	Water	NONE	5310-C	LCS	24.9	0.5	104		20170726
Chlorophyll A	Water	NONE	10200 H	LCS	3790	80	92		20170726
Chlorophyll A	Water	NONE	10200 H	DLCS	4270	80	103	12	20170726
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	2.99	0.1		1	20170726
Total Organic Carbon	Water	NONE	5310-C	DUP	4.39	0.5		2	20170726
Chemical Oxygen Demand	Water	NONE	5220-C	DUP	16.4	5		12	20170726
Total Organic Carbon	Water	NONE	5310-C	DUP	2.93	0.5		5	20170726
Total Organic Carbon	Water	NONE	5310-C	DUP	2.9	0.5		1	20170726
Total Organic Carbon	Water	NONE	5310-C	DUP	2.83	0.5		4	20170726
Ammonia as N	Water	METHOD	4500-NH3 G	MS	13.1	0.5	101		20170726
Total Organic Carbon	Water	NONE	5310-C	MS	31.1	0.5	107		20170726
Chemical Oxygen Demand	Water	NONE	5220-C	MS	116	13	101		20170726
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	13	0.5	100	1	20170726
Chemical Oxygen Demand	Water	NONE	5220-C	DMS	112	13	98	3	20170726
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170726
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170726

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	98		20170726
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9880	40	99		20170726
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	25000	1000		2	20170726
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	123000	40		1	20170726
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	34800	1000	94		20170726
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	133000	40	90		20170726
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170712
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170712
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170712
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170712
Total Suspended Solids	Water	NONE	2540-D	LCS	388	20	90		20170712
Total Dissolved Solids	Water	NONE	2540-C	DUP	271	10		1	20170712
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170720
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170720
Chloride	Water	METHOD	300	MB	<1.0	1			20170720
Conductivity	Water	NONE	2510	MB	<5.0	5			20170720
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170720
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170720
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170720
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170720
Conductivity	Water	NONE	2510	MB	<5.0	5			20170720
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170720
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170720
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20170720
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170720
Conductivity	Water	NONE	2510	LCS	235	5	100		20170720
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170720
Nitrite as N	Water	METHOD	300	LCS	2.45	0.05	98		20170720
pH lab	Water	NONE	4500-H-B	LCS	7.69		100		20170720
Sulfate	Water	METHOD	300	LCS	4.86	0.1	97		20170720
Turbidity Lab	Water	NONE	180.1	LCS	6.18	0.1	95		20170720
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170720
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.01	0.1		1	20170720
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.91	0.1	94		20170720
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.89	0.1	93	1	20170720
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170720

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170720
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170720
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170720
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170720
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170720
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170720
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170720
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170720
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5220	10	104		20170720
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2610	50	104		20170720
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.2	2.5	96		20170720
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.02	99		20170720
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170720
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.3	0.16	99		20170720
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170720
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	1	96		20170720
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.5	1	97		20170720
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	98		20170720
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170720
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.1	2.5	101		20170720
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.99	0.2	100		20170720
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170720
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2			20170720
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.5	2.5	105		20170720
Total Recoverable Mercury	Water	METHOD	7470-A	MS	4.69	0.2	94		20170720
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170720
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170712
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170712
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170712
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170712
Total Suspended Solids	Water	NONE	2540-D	LCS	388	20	90		20170712
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170720

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170720
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170720
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170720
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170720
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170720
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170720
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170720
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20170720
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170720
Sulfate	Water	METHOD	300	LCS	4.86	0.1	97		20170720
Turbidity Lab	Water	NONE	180.1	LCS	6.18	0.1	95		20170720
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20170720
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170720
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170720
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170720
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170720
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170720
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170720
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2610	50	104		20170720
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.4	1	92		20170720
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.02	99		20170720
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170720
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.3	0.16	99		20170720
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170720
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	1	96		20170720
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.5	1	97		20170720
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	98		20170720
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170720
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	78	50		3	20170720
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	10	1		1	20170720
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20170720

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170720
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170720
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.4	1		1	20170720
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170720
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170720
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		NC	20170720
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170720
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1090	50	101		20170720
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	102	1	92		20170720
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	0.02	99		20170720
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	1	100		20170720
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.4	0.16	97		20170720
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	37.5	1	97		20170720
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	1	98		20170720
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.1	1	100		20170720
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	97		20170720
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	2.5	97		20170720
Mercury Total	Water	METHOD	1631	MB	<1	1			20170720
Mercury Total	Water	METHOD	1631	MB	<1	1			20170720
Mercury Total	Water	METHOD	1631	MB	<1	1			20170720
Mercury Total	Water	METHOD	1631	MS	51	1	102		20170720
Mercury Total	Water	METHOD	1631	DMS	50.7	1	101	1	20170720
Mercury Total	Water	METHOD	1631	QCS	4.98	0.5	100		20170720
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170720
Hardness, Total	Water	NONE	2340-B	DUP	251	1		5	20170720
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170720
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170720
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170720
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170720
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170720
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170720
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170720
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20170720
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170720
Turbidity Lab	Water	NONE	180.1	LCS	6.18	0.1	95		20170720
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20170720

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170720
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170720
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170720
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170720
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170720
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170720
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170720
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170720
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2610	50	104		20170720
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170720
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	97		20170720
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.4	1	92		20170720
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.02	99		20170720
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170720
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.3	0.16	99		20170720
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170720
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	1	96		20170720
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170720
Total Recoverable Mercury	Water	METHOD	1631	MB	<1	1			20170720
Total Recoverable Mercury	Water	METHOD	1631	MB	<1	1			20170720
Total Recoverable Mercury	Water	METHOD	1631	MB	<1	1			20170720
Total Recoverable Mercury	Water	METHOD	1631	MS	50	1	100		20170720
Total Recoverable Mercury	Water	METHOD	1631	DMS	49.8	1	100	1	20170720
Total Recoverable Mercury	Water	METHOD	1631	QCS	4.98	0.5	100		20170720
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170720
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170720
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170727
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170727
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170727
Chloride	Water	METHOD	300	MB	<1.0	1			20170727
Color	Water	NONE	2120-B	MB	<5.0	5			20170727
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170727
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170727

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170727
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170727
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170727
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170727
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170727
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170727
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170727
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20170727
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170727
Color	Water	NONE	2120-B	LCS	35	5	100		20170727
Nitrate as N	Water	METHOD	300	LCS	2.41	0.05	96		20170727
Sulfate	Water	METHOD	300	LCS	4.86	0.1	97		20170727
Turbidity Lab	Water	NONE	180.1	LCS	6.18	0.1	95		20170727
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170727
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170727
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	44	5		1	20170727
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170727
Turbidity Lab	Water	NONE	180.1	DUP	0.29	0.1		3	20170727
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170727
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170727
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170727
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170727
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170727
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2610	50	104		20170727
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.9	1	95		20170727
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170727
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13	1	104		20170727
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	0.16	102		20170727
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170727
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20170727
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.9	1	98		20170727

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	2.5	101		20170727
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.7	1		7	20170727
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20170727
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170727
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170727
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170727
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170727
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170727
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170727
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	96.9	1	92		20170727
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	0.02	97		20170727
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.6	1	101		20170727
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.6	0.16	97		20170727
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	1	100		20170727
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.1	1	97		20170727
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.7	1	97		20170727
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	2.5	99		20170727
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170727
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170727
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170727
Mercury Dissolved	Water	METHOD	1631	MS	46.7	1	93		20170727
Mercury Dissolved	Water	METHOD	1631	DMS	46.2	1	92	1	20170727
Total Recoverable Mercury	Water	METHOD	1631	QCS	4.81	0.5	96		20170727
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170727
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170727
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170727
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170727
Chloride	Water	METHOD	300	MB	<1.0	1			20170727
Color	Water	NONE	2120-B	MB	<5.0	5			20170727
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170727
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170727
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170727
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170727
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170727
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170727
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170727

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170727
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170727
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170727
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20170727
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170727
Color	Water	NONE	2120-B	LCS	35	5	100		20170727
Nitrate as N	Water	METHOD	300	LCS	2.41	0.05	96		20170727
Sulfate	Water	METHOD	300	LCS	4.86	0.1	97		20170727
Turbidity Lab	Water	NONE	180.1	LCS	6.18	0.1	95		20170727
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170727
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.4	0.5	102		20170727
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170727
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170727
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.01	0.1	101		20170727
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.99	0.1	99	2	20170727
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170727
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170727
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170727
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170727
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170727
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.4	1	92		20170727
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.02	99		20170727
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170727
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.3	0.16	99		20170727
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170727
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	1	96		20170727
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.5	1	97		20170727
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170727
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2600	50	104		20170727
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.3	1		6	20170727
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170727
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170727

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170727
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170727
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170727
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170727
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170727
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170727
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	95.7	1	90		20170727
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	0.02	97		20170727
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.6	1	101		20170727
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.2	0.16	98		20170727
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	1	100		20170727
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.5	1	94		20170727
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.8	1	98		20170727
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	2.5	97		20170727
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1050	50	105		20170727
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170727
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170727
Mercury Dissolved	Water	METHOD	1631	MB	<1	1			20170727
Total Recoverable Mercury	Water	METHOD	1631	MS	50.8	1	102		20170727
Total Recoverable Mercury	Water	METHOD	1631	DMS	50.6	1	101	1	20170727
Total Recoverable Mercury	Water	METHOD	1631	QCS	4.81	0.5	96		20170727
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170727
Hardness, Total	Water	NONE	2340-B	DUP	13.3	1		3	20170727
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170726
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170726
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170726
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170726
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170731
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170731
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170731
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20170731
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170731
Sulfate	Water	METHOD	300	LCS	4.78	0.1	96		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.5	0.1	100		20170731
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.53	0.1	100		20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170731
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170731
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170731
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170731
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	100		20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96	1	96		20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	1	97		20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	97		20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170731
Total Recoverable Mercury	Water	METHOD	1631	MB	<1	1			20170731
Total Recoverable Mercury	Water	METHOD	1631	MB	<1	1			20170731
Total Recoverable Mercury	Water	METHOD	1631	MB	<1	1			20170731
Total Recoverable Mercury	Water	METHOD	1631	QCS	5.18	0.5	104		20170731
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170731
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170731
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170731
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.5	0.1	100		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.53	0.1	100		20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170731
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170731
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170731
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170731
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	100		20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96	1	96		20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170731
Mercury Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury Total	Water	METHOD	1631	MS	50.7	1	101		20170731
Mercury Total	Water	METHOD	1631	DMS	50.8	1	102	1	20170731
Mercury Total	Water	METHOD	1631	QCS	5.03	0.5	101		20170731
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170731
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170731
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170731
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170731
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170731
Sulfate	Water	METHOD	300	LCS	4.9	0.1	98		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.5	0.1	100		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.53	0.1	100		20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96	1	96		20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	1	97		20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	97		20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	106	50		6	20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.7	1		3	20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.2	1		8	20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1130	50	103		20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	104	1	94		20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	0.02	99		20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	1	100		20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47	0.16	94		20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	40.7	1	103		20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.2	1	97		20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.3	1	97		20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.1	0.1	97		20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.4	2.5	102		20170731
Mercury Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury Total	Water	METHOD	1631	QCS	5.03	0.5	101		20170731
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170731
Hardness, Total	Water	NONE	2340-B	DUP	257	1		3	20170731
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170731
Chloride	Water	METHOD	300	MB	<1.0	1			20170731
Conductivity	Water	NONE	2510	MB	<5.0	5			20170731
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170731
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170731
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170731
Conductivity	Water	NONE	2510	MB	<5.0	5			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20170731
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170731
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170731
Conductivity	Water	NONE	2510	LCS	237	5	101		20170731
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170731
Nitrite as N	Water	METHOD	300	LCS	2.39	0.05	96		20170731
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	METHOD	300	LCS	4.9	0.1	98		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.5	0.1	100		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.53	0.1	100		20170731
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.76	0.1		3	20170731
pH lab	Water	NONE	4500-H-B	DUP	7.48			1	20170731
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.13	0.1	66		20170731
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.11	0.1	65	2	20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170731
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170731
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170731
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4660	10	93		20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170731
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.1	2.5	98		20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	1	97		20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	97		20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170731
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.7	2.5	97		20170731
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.96	0.2	99		20170731
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5		20	20170731
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.8	2.5	98		20170731
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170717
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170717
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20170717
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170731
Chloride	Water	METHOD	300	MB	<1.0	1			20170731
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170731
Color	Water	NONE	2120-B	MB	<5.0	5			20170731
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170731
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170731
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170731
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170731
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170731
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170731
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20170731
Color	Water	NONE	2120-B	LCS	35	5	100		20170731
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170731
Sulfate	Water	METHOD	300	LCS	4.9	0.1	98		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.5	0.1	100		20170731
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170731
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.03	0.05	103		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.53	0.1	100		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.64	0.1	102		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.29	0.1	97		20170731
Chloride	Water	METHOD	300	DUP	<1.0	1		NC	20170731
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20170731
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170731
Nitrate as N	Water	METHOD	300	DUP	0.057	0.05		NC	20170731
Sulfate	Water	METHOD	300	DUP	5.97	0.1		1	20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	DUP	0.36	0.1		9	20170731
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170731
Turbidity Lab	Water	NONE	180.1	DUP	0.37	0.1		5	20170731
Chloride	Water	METHOD	300	MS	4.3	2	109		20170731
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1.05	0.05	105		20170731
Nitrate as N	Water	METHOD	300	MS	3.95	0.1	99		20170731
Sulfate	Water	METHOD	300	MS	9.67	0.2	92		20170731
Chloride	Water	METHOD	300	DMS	4.4	2	109	1	20170731
Nitrate as N	Water	METHOD	300	DMS	3.96	0.1	99	1	20170731
Sulfate	Water	METHOD	300	DMS	9.68	0.2	93	1	20170731
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170731
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170731
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170731
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170731
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170731
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	100		20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96	1	96		20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	1	97		20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170731
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury, Total	Water	METHOD	1631	QCS	5.18	0.5	104		20170731
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170731
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170731
Diesel Range Organics	Soil	EPA 3550B	AK102	MB	<20	20			20170724
o-Terphenyl	Soil	EPA 3550B	AK102	SURR	90	0	90		20170724
Diesel Range Organics	Soil	EPA 3550B	AK102	MS	296	21	108		20170724
o-Terphenyl	Soil	EPA 3550B	AK102	SURR	97	0	97		20170724
Diesel Range Organics	Soil	EPA 3550B	AK102	DMS	287	21	104	3	20170724
o-Terphenyl	Soil	EPA 3550B	AK102	SURR	97	0	97		20170724
Diesel Range Organics	Soil	EPA 3550B	AK102	LCS	268	20	100		20170724
o-Terphenyl	Soil	EPA 3550B	AK102	SURR	94	0	94		20170724
Diesel Range Organics	Soil	EPA 3550B	AK102	DLCS	270	20	101	1	20170724
o-Terphenyl	Soil	EPA 3550B	AK102	SURR	94	0	94		20170724
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.02	0.05	102		20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1.06	0.05	106		20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.02	0.05	102		20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.02	0.05	102		20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20170713
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20170713
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170717

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170717
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170717
Total Dissolved Solids	Water	NONE	2540-C	DUP	255	10		1	20170717
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170717
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170717
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170717
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170717
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170717
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170731
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170731
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.64	0.1	102		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.29	0.1	97		20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170731
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170731
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170731
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170731
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	100		20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96	1	96		20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury, Total	Water	METHOD	1631	QCS	5.03	0.5	101		20170731
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170731
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170731
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170731
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170731
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170731
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170731
Nitrate as N	Water	METHOD	300	LCS	2.4	0.05	96		20170731
Sulfate	Water	METHOD	300	LCS	4.88	0.1	98		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.64	0.1	102		20170731
Turbidity Lab	Water	NONE	180.1	LCS	6.29	0.1	97		20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96	1	96		20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	0.02	100		20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.8	0.16	98		20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	1	97		20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	97		20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170731

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	95	50		1	20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.6	1		2	20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14	1		10	20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170731
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1110	50	102		20170731
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	102	1	93		20170731
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.9	0.02	96		20170731
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	1	99		20170731
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46	0.16	92		20170731
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	39.6	1	97		20170731
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	1	100		20170731
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.7	1	95		20170731
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	97		20170731
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	2.5	104		20170731
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170731
Mercury, Total	Water	METHOD	1631	QCS	5.03	0.5	101		20170731
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170731
Hardness, Total	Water	NONE	2340-B	DUP	255	1		1	20170731
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170720
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170720
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170720
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170720
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170720
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170720
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170720
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170720
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170720
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170720

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170720
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170807
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170807
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.64	1	95		20170807
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170807
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170809
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170809
Chloride	Water	METHOD	300	MB	<1.0	1			20170809
Conductivity	Water	NONE	2510	MB	<5.0	5			20170809
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170809
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170809
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170809
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170809
Conductivity	Water	NONE	2510	MB	<5.0	5			20170809
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20170809
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.64	1	95		20170809
Chloride	Water	METHOD	300	LCS	4.92	1	98		20170809
Conductivity	Water	NONE	2510	LCS	237	5	101		20170809
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170809
Nitrite as N	Water	METHOD	300	LCS	2.36	0.05	94		20170809
pH lab	Water	NONE	4500-H-B	LCS	7.68		100		20170809
Sulfate	Water	METHOD	300	LCS	4.9	0.1	98		20170809
Turbidity Lab	Water	NONE	180.1	LCS	6.1	0.1	94		20170809
pH lab	Water	NONE	4500-H-B	DUP	7.08			1	20170809
Turbidity Lab	Water	NONE	180.1	DUP	385	1		1	20170809
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170809
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170809
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170809
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170809
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170809
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170809
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170809
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170809
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170809
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170809
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170809

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170809
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170809
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.09	0.2	102		20170809
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5190	10	104		20170809
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170809
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170809
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.4	2.5	105		20170809
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170809
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	111		20170809
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53	0.16	106		20170809
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170809
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170809
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170809
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.4	0.1	107		20170809
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	2.5	105		20170809
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	189	10		2	20170809
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	47300	50		2	20170809
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1910	10	86		20170809
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	49100	50	65		20170809
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170807
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170807
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170807
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170807
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170807
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170807
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20170807
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.64	1	95		20170807
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170807
Sulfate	Water	METHOD	300	LCS	4.9	0.1	98		20170807
Turbidity Lab	Water	NONE	180.1	LCS	6.1	0.1	94		20170807
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170807
Total Dissolved Solids	Water	NONE	2540-C	DUP	696	10		1	20170807
Total Suspended Solids	Water	NONE	2540-D	DUP	6.4	4		1	20170807
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170807
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170807
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170807

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170807
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170807
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170807
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170807
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170807
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170807
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170807
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170807
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20170807
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170807
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	111		20170807
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53	0.16	106		20170807
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170807
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170807
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170807
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.4	0.1	107		20170807
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	2.5	105		20170807
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	79.7	1		6	20170807
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170807
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170807
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170807
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	128	1		2	20170807
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170807
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170807
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170807
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6	2.5		1	20170807
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.5	1		3	20170807
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170807
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170807
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170807
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.2	1		3	20170807
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170807
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170807
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170807
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.6	2.5		19	20170807
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	171	1	96		20170807

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	0.02	99		20170807
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.4	1	107		20170807
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.6	0.16	99		20170807
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	154	1	94		20170807
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	1	103		20170807
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51	1	102		20170807
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	98		20170807
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	30.3	2.5	97		20170807
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	113	1	102		20170807
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	0.02	99		20170807
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.3	1	106		20170807
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.4	0.16	99		20170807
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	35.8	1	100		20170807
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.2	1	101		20170807
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.1	1	100		20170807
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	0.1	99		20170807
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.4	2.5	107		20170807
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170807
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170807
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170807
Mercury, Total	Water	METHOD	1631	QCS	5.04	0.5	101		20170807
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170809
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170809
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170809
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170809
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170809
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	97		20170809
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.64	1	95		20170809
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170809
Turbidity Lab	Water	NONE	180.1	LCS	6.1	0.1	94		20170809
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170809
Total Dissolved Solids	Water	NONE	2540-C	DUP	251	10		6	20170809
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170809
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170809
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170809
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170809

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170809
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170809
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170809
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170809
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170809
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170809
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170809
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20170809
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	105		20170809
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20170809
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170809
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	111		20170809
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53	0.16	106		20170809
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170809
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170809
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	2.5	105		20170809
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170809
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170809
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170809
Mercury, Total	Water	METHOD	1631	MS	54.3	1	97		20170809
Mercury, Total	Water	METHOD	1631	DMS	53.2	1	95	2	20170809
Mercury, Total	Water	METHOD	1631	QCS	5.04	0.5	101		20170809
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170809
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170810
Acidity, Total	Water	NONE	2310-B	MB	<2.0	2			20170810
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170810
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170810
Chloride	Water	METHOD	300	MB	<1.0	1			20170810
Conductivity	Water	NONE	2510	MB	<5.0	5			20170810
Fluoride	Water	METHOD	300	MB	<0.10	0.1			20170810
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170810
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170810
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170810
Conductivity	Water	NONE	2510	MB	<5.0	5			20170810
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170810
Acidity, Total	Water	NONE	2310-B	LCS	967	10	100		20170810

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	123	5	99		20170810
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170810
Chloride	Water	METHOD	300	LCS	4.88	1	98		20170810
Conductivity	Water	NONE	2510	LCS	237	5	101		20170810
Fluoride	Water	METHOD	300	LCS	4.72	0.1	94		20170810
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	95		20170810
pH lab	Water	NONE	4500-H-B	LCS	7.69		100		20170810
Sulfate	Water	METHOD	300	LCS	5.01	0.1	100		20170810
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	55.4	5		1	20170810
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170810
Chloride	Water	METHOD	300	DUP	<2.0	2		NC	20170810
Conductivity	Water	NONE	2510	DUP	124	5		1	20170810
Fluoride	Water	METHOD	300	DUP	<0.20	0.2		NC	20170810
Nitrate as N	Water	METHOD	300	DUP	0.19	0.1		1	20170810
pH lab	Water	NONE	4500-H-B	DUP	8.25			1	20170810
Sulfate	Water	METHOD	300	DUP	2.66	0.2		4	20170810
Aciditiy, Total	Water	NONE	2310-B	DUP	1030	10		1	20170810
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.92	0.1	96		20170810
Chloride	Water	METHOD	300	MS	4.3	2	108		20170810
Fluoride	Water	METHOD	300	MS	3.85	0.2	96		20170810
Nitrate as N	Water	METHOD	300	MS	4.39	0.1	105		20170810
Sulfate	Water	METHOD	300	MS	6.93	0.2	104		20170810
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.91	0.1	95	1	20170810
Chloride	Water	METHOD	300	DMS	4.3	2	108	1	20170810
Fluoride	Water	METHOD	300	DMS	3.88	0.2	97	1	20170810
Nitrate as N	Water	METHOD	300	DMS	4.41	0.1	105	1	20170810
Sulfate	Water	METHOD	300	DMS	6.91	0.2	103	1	20170810
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170810
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170810
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<30	30			20170810
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170810
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170810
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20170810
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170810
Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170810
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170810

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<200	200			20170810
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170810
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1.0	1			20170810
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20170810
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<2.0	2			20170810
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170810
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170810
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170810
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170810
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170810
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170810
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170810
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170810
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170810
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170810
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170810
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170810
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170810
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170810
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170810
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170810
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.20	0.2			20170810
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170810
Total Recoverable Zirconium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.20	0.2			20170810
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.09	0.2	102		20170810
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5030	10	101		20170810
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	463	30	93		20170810
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170810
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	50	99		20170810
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10200	20	102		20170810
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170810
Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9920	40	99		20170810
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20170810
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	<200	200			20170810
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170810
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9880	1	99		20170810

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9590	20	96		20170810
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9970	2	100		20170810
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9800	200	98		20170810
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53	0.05	106		20170810
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.4	2.5	105		20170810
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	0.05	103		20170810
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	2.64	0.02	106		20170810
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170810
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.4	2.5	104		20170810
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.6	0.02	107		20170810
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	111		20170810
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53	0.16	106		20170810
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170810
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.7	0.05	109		20170810
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170810
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170810
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.4	0.1	107		20170810
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.1	0.02	106		20170810
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	21.4	0.02	107		20170810
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	0.2	103		20170810
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	2.5	105		20170810
Total Recoverable Zirconium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	19	0.2	95		20170810
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	32	10		23	20170810
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<30	30			20170810
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	23200	1000		1	20170810
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170810
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<20	20			20170810
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000			20170810
Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<40	40			20170810
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000			20170810
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1910	200		1	20170810
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000			20170810
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	207	1		1	20170810
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<20	20			20170810
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<2.0	2			20170810
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1960	10	97		20170810

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	476	30	95		20170810
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	32900	1000	99		20170810
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1030	50	103		20170810
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	20	103		20170810
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	1000	103		20170810
Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	40	103		20170810
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10900	1000	109		20170810
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10800	1000	108		20170810
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	1	101		20170810
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	9780	20	98		20170810
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	2	103		20170810
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11700	200	98		20170810
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170804
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170804
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170804
Mercury, Total	Water	METHOD	1631	QCS	5.52	0.5	110		20170804
Diesel Range Organics	Soil	EPA 3550B	AK102./103	MB	<28	28			20170815
o-Terphenyl	Soil	EPA 3550B	AK102./103	SURR	103	0.48	103		20170815
Residual Range Organics	Soil	EPA 3550B	AK102./103	MB	<140	140			20170815
n-Triacontane	Soil	EPA 3550B	AK102./103	SURR	90	0.48	90		20170815
Diesel Range Organics	Soil	EPA 3550B	AK102./103	LCS	281	20	105		20170815
o-Terphenyl	Soil	EPA 3550B	AK102./103	SURR	100	0.34	100		20170815
Residual Range Organics	Soil	EPA 3550B	AK102./103	LCS	115	100	86		20170815
n-Triacontane	Soil	EPA 3550B	AK102./103	SURR	87	0.34	87		20170815
Diesel Range Organics	Soil	EPA 3550B	AK102./103	DLCS	275	20	103	2	20170815
o-Terphenyl	Soil	EPA 3550B	AK102./103	SURR	101	0.34	101		20170815
Residual Range Organics	Soil	EPA 3550B	AK102./103	DLCS	113	100	85	2	20170815
n-Triacontane	Soil	EPA 3550B	AK102./103	SURR	86	0.34	86		20170815
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170728
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170728
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170728
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170728
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170728
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170728
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170728
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170728

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20170728
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170728
Total Dissolved Solids	Water	NONE	2540-C	DUP	461	10		1	20170728
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170815
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170815
Chloride	Water	METHOD	300	MB	<1.0	1			20170815
Conductivity	Water	NONE	2510	MB	<5.0	5			20170815
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170815
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170815
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20170815
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170815
Chloride	Water	METHOD	300	LCS	4.9	1	99		20170815
Conductivity	Water	NONE	2510	LCS	243	5	104		20170815
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170815
Nitrite as N	Water	METHOD	300	LCS	2.45	0.05	98		20170815
pH lab	Water	NONE	4500-H-B	LCS	7.66		99		20170815
Sulfate	Water	METHOD	300	LCS	4.78	0.1	96		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.33	0.1	97		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.47	0.1	99		20170815
Turbidity Lab	Water	NONE	180.1	DUP	255	1		1	20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170815
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5190	10	104		20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170815
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170815
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.4	2.5	105		20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	111		20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53	0.16	106		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.4	0.1	107		20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	2.5	105		20170815
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.52	0.2	90		20170815
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170815
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2			20170815
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.8	2.5	98		20170815
Total Recoverable Mercury	Water	METHOD	7470-A	MS	4.66	0.2	93		20170815
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170815
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170815
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170815
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170815
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170815
Sulfate	Water	METHOD	300	LCS	4.78	0.1	96		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.33	0.1	97		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.47	0.1	99		20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	111		20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53	0.16	106		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.4	0.1	107		20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	2.5	105		20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MS	50.2	1	100		20170815
Mercury, Total	Water	METHOD	1631	DMS	49.6	1	99	1	20170815
Mercury, Total	Water	METHOD	1631	QCS	4.92	0.5	98		20170815
Hardness, Total	Water	METHOD	2340-B	MB	<1	1			20170815
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170815
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170815
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.33	0.1	97		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.47	0.1	99		20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170815
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170815
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170815
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20170815
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	105		20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	111		20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53	0.16	106		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	2.5	105		20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MS	48.4	1	97		20170815
Mercury, Total	Water	METHOD	1631	DMS	47.2	1	94	3	20170815
Mercury, Total	Water	METHOD	1631	QCS	4.92	0.5	98		20170815
Sulfate as SO4	Water	METHOD	200.7 (W)	MB	<1	1			20170815
Hardness, Total	Water	METHOD	2340	MB	<1	1			20170815
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170810
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170810
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170810
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20170810
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170810
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170810
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20170810
Phosphorus	Water	METHOD	365.3	MB	<0.010	0.01			20170810
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170810
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170810
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20170810
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170810
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20170810
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20170810
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170810
Total Organic Carbon	Water	NONE	5310-C	LCS	26.3	0.5	110		20170810
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	117	5	97		20170810

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	LCS	2.42	0.05	97		20170810
Nitrite as N	Water	METHOD	300	LCS	2.45	0.05	98		20170810
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.88	0.2	101		20170810
Phosphorus	Water	METHOD	365.3	LCS	8.68	0.1	101		20170810
Total Organic Carbon	Water	NONE	5310-C	LCS	25.1	0.5	104		20170810
Total Organic Carbon	Water	NONE	5310-C	LCS	25.6	0.5	107		20170810
Chlorophyll A	Water	NONE	10200 H	LCS	4590	80	102		20170810
Chlorophyll A	Water	NONE	10200 H	DLCS	4540	80	100	1	20170810
Total Organic Carbon	Water	NONE	5310-C	DUP	4.57	0.5		2	20170810
Chemical Oxygen Demand	Water	NONE	5220-C	DUP	14.5	5		7	20170810
Phosphorus	Water	METHOD	365.3	DUP	<0.010	0.01			20170810
Total Organic Carbon	Water	NONE	5310-C	DUP	4.77	0.5		9	20170810
Total Organic Carbon	Water	NONE	5310-C	DUP	3.55	0.5		3	20170810
Total Organic Carbon	Water	NONE	5310-C	DUP	3.34	0.5		1	20170810
Total Organic Carbon	Water	NONE	5310-C	MS	31	0.5	106		20170810
Chemical Oxygen Demand	Water	NONE	5220-C	MS	120	13	105		20170810
Phosphorus	Water	METHOD	365.3	MS	0.517	0.01	100		20170810
Chemical Oxygen Demand	Water	NONE	5220-C	DMS	118	13	102	2	20170810
Phosphorus	Water	METHOD	365.3	DMS	0.514	0.01	100	1	20170810
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170810
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170810
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13300	1000	106		20170810
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10200	40	102		20170810
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	27400	1000		3	20170810
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	131000	40		2	20170810
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	39600	1000	114		20170810
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	145000	40	115		20170810
Total Residual Chlorine	Water	NONE	4500-CI G	MB	<0.050	0.05			20170809
Total Residual Chlorine	Water	NONE	4500-CI G	MB	<0.050	0.05			20170809
Total Residual Chlorine	Water	NONE	4500-CI G	MB	<0.050	0.05			20170809
Total Residual Chlorine	Water	NONE	4500-CI G	MB	<0.050	0.05			20170809
Total Residual Chlorine	Water	NONE	4500-CI G	LCS	1.11	0.05	111		20170809
Total Residual Chlorine	Water	NONE	4500-CI G	LCS	1.11	0.05	111		20170809
Total Residual Chlorine	Water	NONE	4500-CI G	LCS	1.05	0.05	105		20170809
Total Residual Chlorine	Water	NONE	4500-CI G	LCS	1.09	0.05	109		20170809
Total Residual Chlorine	Water	NONE	4500-CI G	DUP	<0.050	0.05		NC	20170809

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1.11	0.05	111		20170809
Total Dissolved Solids	Aqueou	NONE	2540-C	MB	5	5			20170815
Ammonia as N	Aqueou	METHOD	4500-NH3 G	MB	<0.050	0.05			20170815
Nitrate as N	Aqueou	NONE	300	MB	<0.050	0.05			20170815
Sulfate	Aqueou	NONE	300	MB	<0.10	0.1			20170815
Ammonia as N	Aqueou	METHOD	4500-NH3 G	MB	<0.050	0.05			20170815
Sulfate	Aqueou	NONE	300	MB	<0.10	0.1			20170815
Total Dissolved Solids	Aqueou	NONE	2540-C	LCS	1600	5	98		20170815
Ammonia as N	Aqueou	METHOD	4500-NH3 G	LCS	10.5	0.25	103		20170815
Nitrate as N	Aqueou	NONE	300	LCS	2.35	0.05	94		20170815
pH lab	Aqueou	NONE	4500-H-B	LCS	7.68		100		20170815
Sulfate	Aqueou	NONE	300	LCS	5.35	0.1	107		20170815
Sulfate	Aqueou	NONE	300	LCS	5.22	0.1	104		20170815
Total Dissolved Solids	Aqueou	NONE	2540-C	DUP	43.8	5		6	20170815
Ammonia as N	Aqueou	METHOD	4500-NH3 G	DUP	0.07	0.05		2	20170815
Ammonia as N	Aqueou	METHOD	4500-NH3 G	MS	2.02	0.05	98		20170815
Ammonia as N	Aqueou	METHOD	4500-NH3 G	DMS	2.02	0.05	97	1	20170815
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	MB	<0.020	0.02			20170815
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	MB	<0.020	0.02			20170815
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	MB	<0.010	0.01			20170815
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020-A	MB	<0.0020	0.002			20170815
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020-A	MB	<0.000080	0.00008			20170815
Total Chromium	Sludge,	EPA 3020A	6020-A	MB	<0.00080	0.0008			20170815
Total Recoverable Copper	Sludge,	EPA 3020A	6020-A	MB	<0.0020	0.002			20170815
Total Recoverable Lead	Sludge,	EPA 3020A	6020-A	MB	<0.000080	0.00008			20170815
Total Recoverable Nickel	Sludge,	EPA 3020A	6020-A	MB	<0.00080	0.0008			20170815
Total Recoverable Selenium	Sludge,	EPA 3020A	6020-A	MB	<0.0040	0.004			20170815
Total Recoverable Silver	Sludge,	EPA 3020A	6020-A	MB	<0.000080	0.00008			20170815
Total Recoverable Zinc	Sludge,	EPA 3020A	6020-A	MB	<0.010	0.01			20170815
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020-A	MB	<0.0020	0.002			20170815
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020-A	MB	<0.000080	0.00008			20170815
Total Chromium	Sludge,	EPA 3020A	6020-A	MB	<0.00080	0.0008			20170815
Total Recoverable Copper	Sludge,	EPA 3020A	6020-A	MB	<0.0020	0.002			20170815
Total Recoverable Lead	Sludge,	EPA 3020A	6020-A	MB	<0.000080	0.00008			20170815
Total Recoverable Nickel	Sludge,	EPA 3020A	6020-A	MB	<0.00080	0.0008			20170815
Total Recoverable Selenium	Sludge,	EPA 3020A	6020-A	MB	<0.0040	0.004			20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Sludge,	EPA 3020A	6020-A	MB	<0.000080	0.00008			20170815
Total Recoverable Zinc	Sludge,	EPA 3020A	6020-A	MB	<0.010	0.01			20170815
Total Recoverable Mercury	Sludge,	METHOD	7470-A	MB	<0.0010	0.001			20170815
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	LCS	9.19	0.02	92		20170815
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	LCS	4.96	0.02	99		20170815
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	LCS	2.36	0.01	94		20170815
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020-A	LCS	0.0974	0.002	97		20170815
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020-A	LCS	0.0502	0.00008	100		20170815
Total Chromium	Sludge,	EPA 3020A	6020-A	LCS	0.0191	0.0008	95		20170815
Total Recoverable Copper	Sludge,	EPA 3020A	6020-A	LCS	0.0241	0.002	97		20170815
Total Recoverable Lead	Sludge,	EPA 3020A	6020-A	LCS	0.1	0.00008	100		20170815
Total Recoverable Nickel	Sludge,	EPA 3020A	6020-A	LCS	0.0468	0.0008	94		20170815
Total Recoverable Selenium	Sludge,	EPA 3020A	6020-A	LCS	0.0982	0.004	98		20170815
Total Recoverable Silver	Sludge,	EPA 3020A	6020-A	LCS	0.026	0.00008	104		20170815
Total Recoverable Zinc	Sludge,	EPA 3020A	6020-A	LCS	0.049	0.01	98		20170815
Total Recoverable Mercury	Sludge,	METHOD	7470-A	LCS	0.0054	0.001	108		20170815
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	DUP	0.479	0.02		3	20170815
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	DUP	<0.020	0.02			20170815
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	DUP	<0.010	0.01			20170815
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020-A	DUP	<0.010	0.01			20170815
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020-A	DUP	<0.00040	0.0004			20170815
Total Chromium	Sludge,	EPA 3020A	6020-A	DUP	<0.0040	0.004			20170815
Total Recoverable Copper	Sludge,	EPA 3020A	6020-A	DUP	<0.010	0.01			20170815
Total Recoverable Lead	Sludge,	EPA 3020A	6020-A	DUP	<0.00040	0.0004			20170815
Total Recoverable Nickel	Sludge,	EPA 3020A	6020-A	DUP	<0.0040	0.004			20170815
Total Recoverable Selenium	Sludge,	EPA 3020A	6020-A	DUP	<0.020	0.02			20170815
Total Recoverable Silver	Sludge,	EPA 3020A	6020-A	DUP	<0.00040	0.0004			20170815
Total Recoverable Zinc	Sludge,	EPA 3020A	6020-A	DUP	<0.050	0.05			20170815
Total Recoverable Mercury	Sludge,	METHOD	7470-A	DUP	<0.0010	0.001			20170815
Total Recoverable Aluminum	Sludge,	EPA 3010A	6010-C	MS	9.23	0.02	88		20170815
Total Recoverable Iron	Sludge,	EPA 3010A	6010-C	MS	4.8	0.02	96		20170815
Total Recoverable Manganese	Sludge,	EPA 3010A	6010-C	MS	2.29	0.01	92		20170815
Total Recoverable Arsenic	Sludge,	EPA 3020A	6020-A	MS	0.485	0.01	97		20170815
Total Recoverable Cadmium	Sludge,	EPA 3020A	6020-A	MS	0.25	0.0004	100		20170815
Total Chromium	Sludge,	EPA 3020A	6020-A	MS	0.0926	0.004	93		20170815
Total Recoverable Copper	Sludge,	EPA 3020A	6020-A	MS	0.119	0.01	95		20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Sludge,	EPA 3020A	6020-A	MS	0.505	0.0004	101		20170815
Total Recoverable Nickel	Sludge,	EPA 3020A	6020-A	MS	0.236	0.004	94		20170815
Total Recoverable Selenium	Sludge,	EPA 3020A	6020-A	MS	0.486	0.02	97		20170815
Total Recoverable Silver	Sludge,	EPA 3020A	6020-A	MS	0.124	0.0004	99		20170815
Total Recoverable Zinc	Sludge,	EPA 3020A	6020-A	MS	0.234	0.05	94		20170815
Total Recoverable Mercury	Sludge,	METHOD	7470-A	MS	0.0055	0.001	110		20170815
Hardness, Total	Sludge,	NONE	2340-B	MB	1.1	1			20170815
Hardness, Total	Sludge,	NONE	2340-B	DUP	25.3	1		3	20170815
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170815
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170815
Chloride	Water	NONE	300	MB	<1.0	1			20170815
Conductivity	Water	NONE	2510	MB	<5.0	5			20170815
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170815
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20170815
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170815
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	97		20170815
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.5	0.5	103		20170815
Chloride	Water	NONE	300	LCS	4.9	1	99		20170815
Conductivity	Water	NONE	2510	LCS	243	5	104		20170815
Nitrate as N	Water	NONE	300	LCS	2.4	0.05	96		20170815
Nitrite as N	Water	NONE	300	LCS	2.45	0.05	98		20170815
pH lab	Water	NONE	4500-H-B	LCS	7.67		100		20170815
Sulfate	Water	NONE	300	LCS	4.78	0.1	96		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.34	0.1	97		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.49	0.1	100		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.49	0.1	100		20170815
Total Dissolved Solids	Water	NONE	2540-C	DUP	847	10		1	20170815
Conductivity	Water	NONE	2510	DUP	1110	5		1	20170815
Turbidity Lab	Water	NONE	180.1	DUP	1.9	0.1		2	20170815
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	2.72	0.1		1	20170815
Ammonia as N	Water	METHOD	4500-NH3 G	MS	4.75	0.1	101		20170815
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	4.75	0.1	101	1	20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170815
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170815
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5290	50	106		20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2610	50	104		20170815
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	2.5	101		20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	0.02	102		20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	102		20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	0.16	103		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	102		20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.8	1	99		20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.1	1	106		20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	0.1	101		20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	2.5	103		20170815
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170815
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.52	0.2	90		20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	24	10		1	20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	285	50		3	20170815
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170815
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.54	0.02		1	20170815
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.4	1		2	20170815
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170815
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	374	1		3	20170815
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	12.9	1		1	20170815
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.1	1		1	20170815
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170815
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	151	2.5		1	20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1910	10	94		20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1310	50	102		20170815
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	55.8	2.5	112		20170815
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.7	0.02	100		20170815
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.8	1	91		20170815
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.1	0.16	92		20170815
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	396	1	140		20170815
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	37	1	96		20170815
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	55.6	1	107		20170815
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	0.1	96		20170815
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	172	2.5	85		20170815
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.3	2.5	103		20170815
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170815
Hardness, Total	Water	NONE	2340-B	DUP	584	1		2	20170815
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170815
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170815
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170815
Sulfate	Water	METHOD	300	LCS	4.75	0.1	95		20170815
Sulfate	Water	METHOD	300	DUP	2.75	0.2		3	20170815
Sulfate	Water	METHOD	300	MS	6.86	0.2	101		20170815
Sulfate	Water	METHOD	300	DMS	6.91	0.2	102	1	20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	102	1	102		20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	0.02	102		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	102		20170815
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170815
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	LCS	10.6	1	103		20170815
Nitrate as N	Water	NONE	300	LCS	2.35	0.05	94		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.12	0.1	94		20170815
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	2.41	0.2		1	20170815
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.42	0.2	50		20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.36	0.2	48	4	20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170815
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170815
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	98		20170815
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20170815
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12000	1000	96		20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.9	1	90		20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.1	0.16	94		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	2.5	92		20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MS	47	1	94		20170815
Mercury, Total	Water	METHOD	1631	DMS	45.9	1	92	2	20170815
Mercury, Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170815
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170815
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170807
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170807
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170807
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170807
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170815
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170815
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170815
Ammonia as N	Water	SM 4500-NH3 B	4500-NH3 G	LCS	10.6	1	103		20170815
Nitrate as N	Water	NONE	300	LCS	2.35	0.05	94		20170815
Sulfate	Water	NONE	300	LCS	5.35	0.1	107		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.12	0.1	94		20170815
Sulfate	Water	NONE	300	LCS	5.22	0.1	104		20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	98		20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.9	1	90		20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.1	0.16	94		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	0.1	94		20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	2.5	92		20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	81	50		4	20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.7	1		1	20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8	1		3	20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1110	50	103		20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	98.3	1	90		20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	0.02	98		20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.4	1	91		20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.6	0.16	95		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.9	1	95		20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23	1	92		20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.6	1	95		20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.4	0.1	92		20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.4	2.5	90		20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170815
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170815
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170815
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170815
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170815
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170815
Ammonia as N	Water	SM 4500-NH3 B	4500-NH3 G	LCS	10.6	1	103		20170815
Nitrate as N	Water	NONE	300	LCS	2.35	0.05	94		20170815
Sulfate	Water	NONE	300	LCS	5.35	0.1	107		20170815
Turbidity Lab	Water	NONE	180.1	LCS	6.12	0.1	94		20170815
Sulfate	Water	NONE	300	LCS	5.22	0.1	104		20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	98		20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.9	1	90		20170815

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.1	0.16	94		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	0.1	94		20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	2.5	92		20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	81	50		4	20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.7	1		1	20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8	1		3	20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170815
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1110	50	103		20170815
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	98.3	1	90		20170815
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	0.02	98		20170815
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.4	1	91		20170815
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.6	0.16	95		20170815
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.9	1	95		20170815
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23	1	92		20170815
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.6	1	95		20170815
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.4	0.1	92		20170815
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.4	2.5	90		20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170815
Mercury, Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170815
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170817
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170817
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170817
Mercury, Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170817

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170817
Sulfate	Water	METHOD	300	LCS	5.05	0	101		20170817
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170807
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170807
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170807
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170807
Total Dissolved Solids	Water	NONE	2540-C	DUP	460	10		1	20170807
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170822
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170822
Chloride	Water	NONE	300	MB	<1.0	1			20170822
Conductivity	Water	NONE	2510	MB	<5.0	5			20170822
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170822
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20170822
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170822
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170822
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170822
Conductivity	Water	NONE	2510	MB	<5.0	5			20170822
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170822
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170822
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	LCS	10.6	1	103		20170822
Chloride	Water	NONE	300	LCS	4.9	1	99		20170822
Conductivity	Water	NONE	2510	LCS	241	5	103		20170822
Nitrate as N	Water	NONE	300	LCS	2.35	0.05	94		20170822
Nitrite as N	Water	NONE	300	LCS	2.42	0.05	97		20170822
pH lab	Water	NONE	4500-H-B	LCS	7.68		100		20170822
Sulfate	Water	NONE	300	LCS	5.35	0.1	107		20170822
Turbidity Lab	Water	NONE	180.1	LCS	6.12	0.1	94		20170822
Sulfate	Water	NONE	300	LCS	5.22	0.1	104		20170822
Total Dissolved Solids	Water	NONE	2540-C	DUP	887	10		1	20170822
pH lab	Water	NONE	4500-H-B	DUP	6.8			1	20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170822
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170822
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170822

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170822
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170822
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170822
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5030	10	101		20170822
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	98		20170822
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.1	2.5	92		20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.1	0.16	94		20170822
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	0.1	94		20170822
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	2.5	92		20170822
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.2	2.5	102		20170822
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.4	0.2	108		20170822
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170822
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.9	3	99		20170822
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170822
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170821
Chloride	Water	METHOD	300	MB	<1.0	1			20170821
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170821
Color	Water	NONE	2120-B	MB	<5.0	5			20170821
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170821
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170821
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170821
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170821
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170821
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170821
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170821
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20170821
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	LCS	10.6	1	103		20170821

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chloride	Water	METHOD	300	LCS	4.9	1	99		20170821
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.07	0.05	107		20170821
Color	Water	NONE	2120-B	LCS	15	5	100		20170821
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170821
Sulfate	Water	METHOD	300	LCS	4.75	0.1	95		20170821
Turbidity Lab	Water	NONE	180.1	LCS	6.21	0.1	95		20170821
Total Suspended Solids	Water	NONE	2540-D	LCS	400	20	93		20170821
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20170821
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.01	0.05	101		20170821
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170821
Turbidity Lab	Water	NONE	180.1	DUP	0.19	0.1		11	20170821
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20170821
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1.06	0.05	106		20170821
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170821
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170821
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170821
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170821
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170821
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170821
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170821
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170821
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170821
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	98		20170821
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.9	1	90		20170821
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20170821
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20170821
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.1	0.16	94		20170821
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170821
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	94		20170821
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	45.7	1	91		20170821
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	2.5	92		20170821
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20170821
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.9	1		20	20170821
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170821
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170821
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170821

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170821
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170821
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170821
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170821
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1050	50	105		20170821
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	91.5	1	89		20170821
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	0.02	97		20170821
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.6	1	93		20170821
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.5	0.16	97		20170821
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	1	99		20170821
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.3	1	93		20170821
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.8	1	94		20170821
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.1	2.5	92		20170821
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170821
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170821
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170821
Mercury, Total	Water	METHOD	1631	QCS	5.16	0.5	103		20170821
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170821
Hardness, Total	Water	NONE	2340-B	DUP	13.6	1		1	20170821
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170814
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170814
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20170814
Total Suspended Solids	Water	NONE	2540-D	LCS	400	20	93		20170814
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170814
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170814
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20170814
Total Suspended Solids	Water	NONE	2540-D	LCS	400	20	93		20170814
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170822
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170822
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170822
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170822
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170822
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170822
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170822
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170822
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170822

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170822
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20170822
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170822
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20170822
Sulfate	Water	NONE	300	LCS	5.16	0.1	103		20170822
Turbidity Lab	Water	NONE	180.1	LCS	6.09	0.1	94		20170822
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170822
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20170822
Sulfate	Water	NONE	300	LCS	5.29	0.1	106		20170822
Total Dissolved Solids	Water	NONE	2540-C	DUP	704	10		3	20170822
Nitrate as N	Water	NONE	300	DUP	8.3	2.5		4	20170822
Sulfate	Water	NONE	300	DUP	458	5		5	20170822
Total Suspended Solids	Water	NONE	2540-D	DUP	4.8	4		8	20170822
Nitrate as N	Water	NONE	300	MS	238	5	115		20170822
Sulfate	Water	NONE	300	MS	679	10	100		20170822
Nitrate as N	Water	NONE	300	DMS	238	5	115	1	20170822
Sulfate	Water	NONE	300	DMS	663	10	92	2	20170822
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170822
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170822
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170822
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.2	1	92		20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.02	98		20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.4	1	91		20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	0.16	97		20170822
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	1	96		20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	1	92		20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	1	96		20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	94		20170822

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	2.5	93		20170822
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	63	50		5	20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.4	1		3	20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170822
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7	1		1	20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170822
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170822
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1110	50	105		20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	105	1	95		20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	0.02	101		20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	1	95		20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.5	0.16	99		20170822
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.7	1	99		20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.1	1	92		20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.6	1	101		20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	0.1	96		20170822
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.7	2.5	95		20170822
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170822
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170822
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170822
Mercury, Total	Water	METHOD	1631	QCS	4.92	0.5	98		20170822
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170822
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170822
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170822
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170822
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170822
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170822
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170822
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170822
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170822
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170822
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170822

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20170822
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170822
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20170822
Sulfate	Water	NONE	300	LCS	5.16	0.1	103		20170822
Turbidity Lab	Water	NONE	180.1	LCS	6.09	0.1	94		20170822
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170822
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20170822
Sulfate	Water	NONE	300	LCS	5.29	0.1	106		20170822
Total Dissolved Solids	Water	NONE	2540-C	DUP	704	10		3	20170822
Nitrate as N	Water	NONE	300	DUP	8.3	2.5		4	20170822
Sulfate	Water	NONE	300	DUP	458	5		5	20170822
Total Suspended Solids	Water	NONE	2540-D	DUP	4.8	4		8	20170822
Nitrate as N	Water	NONE	300	MS	238	5	115		20170822
Sulfate	Water	NONE	300	MS	679	10	100		20170822
Nitrate as N	Water	NONE	300	DMS	238	5	115	1	20170822
Sulfate	Water	NONE	300	DMS	663	10	92	2	20170822
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170822
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170822
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170822
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.2	1	92		20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.02	98		20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.4	1	91		20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	0.16	97		20170822
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	1	96		20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	1	92		20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	1	96		20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	94		20170822
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	2.5	93		20170822

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	63	50		5	20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.4	1		3	20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170822
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7	1		1	20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170822
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170822
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1110	50	105		20170822
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	105	1	95		20170822
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	0.02	101		20170822
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	1	95		20170822
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.5	0.16	99		20170822
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.7	1	99		20170822
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.1	1	92		20170822
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.6	1	101		20170822
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	0.1	96		20170822
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.7	2.5	95		20170822
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170822
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170822
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170822
Mercury, Total	Water	METHOD	1631	QCS	4.92	0.5	98		20170822
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170822
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170824
Sulfate	Water	METHOD	300	LCS	4.98	0	100		20170824
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170824
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170824
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170824
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170824
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170824
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170824
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20170824
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170824
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20170824

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	LCS	6.09	0.1	94		20170824
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20170824
Nitrate as N	Water	NONE	300	DUP	6.98	0.25		1	20170824
Turbidity Lab	Water	NONE	180.1	DUP	51	0.2		3	20170824
Nitrate as N	Water	NONE	300	MS	30.3	0.5	117		20170824
Nitrate as N	Water	NONE	300	DMS	30.4	0.5	117	1	20170824
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170824
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170824
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170824
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170824
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170824
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170824
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170824
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170824
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170824
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170824
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170824
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	100		20170824
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20170824
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.2	1	92		20170824
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.02	98		20170824
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.4	1	91		20170824
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	0.16	97		20170824
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	1	96		20170824
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	1	92		20170824
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	2.5	93		20170824
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170824
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170824
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170824
Mercury, Total	Water	METHOD	1631	QCS	4.92	0.5	98		20170824
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170824
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170921
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170824
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170824
Chloride	Water	NONE	300	MB	<1.0	1			20170824
Conductivity	Water	NONE	2510	MB	<5.0	5			20170824

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170824
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20170824
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170824
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170824
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170824
Conductivity	Water	NONE	2510	MB	<5.0	5			20170824
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20170824
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170824
Chloride	Water	NONE	300	LCS	4.95	1	99		20170824
Conductivity	Water	NONE	2510	LCS	241	5	103		20170824
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20170824
Nitrite as N	Water	NONE	300	LCS	2.44	0.05	98		20170824
pH lab	Water	NONE	4500-H-B	LCS	7.68		100		20170824
Sulfate	Water	NONE	300	LCS	5.29	0.1	106		20170824
Turbidity Lab	Water	NONE	180.1	LCS	6.09	0.1	94		20170824
pH lab	Water	NONE	4500-H-B	DUP	6.72			1	20170824
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170824
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170824
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170824
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170824
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170824
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170824
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170824
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170824
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170824
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170824
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170824
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170824
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170824
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.31	0.2	106		20170824
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5040	10	101		20170824
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20170824
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.9	2.5	94		20170824
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.02	98		20170824
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.4	1	91		20170824
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.7	0.16	97		20170824

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	1	96		20170824
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	1	92		20170824
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.8	1	96		20170824
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	94		20170824
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	2.5	93		20170824
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.8	2.5	98		20170824
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2			20170824
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170824
Total Recoverable Mercury	Water	METHOD	7470-A	MS	4.34	0.2	87		20170824
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.7	2.5	97		20170824
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170824
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170817
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170817
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20170817
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20170817
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	14.3	1		6	20170817
Ammonia as N	Water	METHOD	4500-NH3 G	MS	34.2	1	95		20170817
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	34.2	1	95	1	20170817
Total Recoverable Mercury	Misc. Sol	METHOD	7470-A	MB	<0.0010	0.001			20170824
Total Recoverable Arsenic	Misc. Sol	EPA 3010A	6010-C	MB	<0.12	0.12			20170824
Total Recoverable Barium	Misc. Sol	EPA 3010A	6010-C	MB	<1.2	1.2			20170824
Total Recoverable Cadmium	Misc. Sol	EPA 3010A	6010-C	MB	<0.060	0.06			20170824
Total Chromium	Misc. Sol	EPA 3010A	6010-C	MB	<0.060	0.06			20170824
Total Recoverable Lead	Misc. Sol	EPA 3010A	6010-C	MB	<0.060	0.06			20170824
Total Recoverable Selenium	Misc. Sol	EPA 3010A	6010-C	MB	<0.12	0.12			20170824
Total Recoverable Silver	Misc. Sol	EPA 3010A	6010-C	MB	<0.060	0.06			20170824
Total Recoverable Mercury	Misc. Sol	METHOD	7470-A	LCS	0.0051	0.001	102		20170824
Total Recoverable Arsenic	Misc. Sol	EPA 3010A	6010-C	LCS	4.85	0.12	97		20170824
Total Recoverable Barium	Misc. Sol	EPA 3010A	6010-C	LCS	10	1.2	100		20170824
Total Recoverable Cadmium	Misc. Sol	EPA 3010A	6010-C	LCS	0.97	0.06	97		20170824
Total Chromium	Misc. Sol	EPA 3010A	6010-C	LCS	4.84	0.06	97		20170824
Total Recoverable Lead	Misc. Sol	EPA 3010A	6010-C	LCS	4.66	0.06	93		20170824
Total Recoverable Selenium	Misc. Sol	EPA 3010A	6010-C	LCS	0.91	0.12	91		20170824
Total Recoverable Silver	Misc. Sol	EPA 3010A	6010-C	LCS	0.91	0.06	91		20170824
Total Recoverable Mercury	Misc. Sol	METHOD	7470-A	DUP	<0.020	0.02			20170824
Total Recoverable Arsenic	Misc. Sol	TCLP	6010-C	DUP	<0.12	0.12			20170824

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Barium	Misc. So	TCLP	6010-C	DUP	<1.2	1.2			20170824
Total Recoverable Cadmium	Misc. So	TCLP	6010-C	DUP	<0.060	0.06			20170824
Total Chromium	Misc. So	TCLP	6010-C	DUP	<0.060	0.06			20170824
Total Recoverable Lead	Misc. So	TCLP	6010-C	DUP	<0.060	0.06			20170824
Total Recoverable Selenium	Misc. So	TCLP	6010-C	DUP	<0.12	0.12			20170824
Total Recoverable Silver	Misc. So	TCLP	6010-C	DUP	<0.060	0.06			20170824
Total Recoverable Mercury	Misc. So	TCLP	7470-A	MS	0.1	0.02	100		20170824
Total Recoverable Arsenic	Misc. So	TCLP	6010-C	MS	4.93	0.12	99		20170824
Total Recoverable Barium	Misc. So	TCLP	6010-C	MS	10	1.2	100		20170824
Total Recoverable Cadmium	Misc. So	TCLP	6010-C	MS	0.943	0.06	94		20170824
Total Chromium	Misc. So	TCLP	6010-C	MS	4.76	0.06	95		20170824
Total Recoverable Lead	Misc. So	TCLP	6010-C	MS	4.59	0.06	92		20170824
Total Recoverable Selenium	Misc. So	TCLP	6010-C	MS	0.96	0.12	96		20170824
Total Recoverable Silver	Misc. So	TCLP	6010-C	MS	0.929	0.06	93		20170824
Tetrachloro-m-xylene	Misc. So	EPA 1311 / EPA 3511	8081-B	SURR	57	0.00002	57		20170824
PCB 209	Misc. So	EPA 1311 / EPA 3511	8081-B	SURR	73	0.00002	73		20170824
gamma-BHC (Lindane)	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Heptachlor	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Heptachlor Epoxide	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Endrin	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Methoxychlor	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Chlordane	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.0010	0.001			20170824
Toxaphene	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.0020	0.002			20170824
Tetrachloro-m-xylene	Misc. So	EPA 1311 / EPA 3511	8081-B	SURR	64	0.00002	64		20170824
PCB 209	Misc. So	EPA 1311 / EPA 3511	8081-B	SURR	85	0.00002	85		20170824
gamma-BHC (Lindane)	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Heptachlor	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Heptachlor Epoxide	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Endrin	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Methoxychlor	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.00010	0.0001			20170824
Chlordane	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.0010	0.001			20170824
Toxaphene	Misc. So	EPA 1311 / EPA 3511	8081-B	MB	<0.0020	0.002			20170824
Tetrachloro-m-xylene	Misc. So	EPA 1311 / EPA 3511	8081-B	SURR	54	0.00002	54		20170824
PCB 209	Misc. So	EPA 1311 / EPA 3511	8081-B	SURR	45	0.00002	45		20170824
gamma-BHC (Lindane)	Misc. So	EPA 1311 / EPA 3511	8081-B	MS	0.000161	0.0001	64		20170824
Heptachlor	Misc. So	EPA 1311 / EPA 3511	8081-B	MS	0.000157	0.0001	63		20170824

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Heptachlor Epoxide	Misc. Sol	EPA 1311 / EPA 3511	8081-B	MS	0.000153	0.0001	61		20170824
Endrin	Misc. Sol	EPA 1311 / EPA 3511	8081-B	MS	0.000167	0.0001	67		20170824
Methoxychlor	Misc. Sol	EPA 1311 / EPA 3511	8081-B	MS	0.000166	0.0001	67		20170824
Chlordane	Misc. Sol	EPA 1311 / EPA 3511	8081-B	MS	0.00358	0.001	72		20170824
Toxaphene	Misc. Sol	EPA 1311 / EPA 3511	8081-B	MS	0.00711	0.002	71		20170824
Tetrachloro-m-xylene	Misc. Sol	EPA 1311 / EPA 3511	8081-B	SURR	58	0.00002	58		20170824
PCB 209	Misc. Sol	EPA 1311 / EPA 3511	8081-B	SURR	89	0.00002	89		20170824
gamma-BHC (Lindane)	Misc. Sol	EPA 1311 / EPA 3511	8081-B	LCS	0.000227	0.0001	91		20170824
Heptachlor	Misc. Sol	EPA 1311 / EPA 3511	8081-B	LCS	0.000183	0.0001	73		20170824
Heptachlor Epoxide	Misc. Sol	EPA 1311 / EPA 3511	8081-B	LCS	0.000208	0.0001	83		20170824
Endrin	Misc. Sol	EPA 1311 / EPA 3511	8081-B	LCS	0.000199	0.0001	80		20170824
Methoxychlor	Misc. Sol	EPA 1311 / EPA 3511	8081-B	LCS	0.000221	0.0001	88		20170824
Chlordane	Misc. Sol	EPA 1311 / EPA 3511	8081-B	LCS	0.00497	0.001	99		20170824
Toxaphene	Misc. Sol	EPA 1311 / EPA 3511	8081-B	LCS	0.00839	0.002	84		20170824
1,1-Dichloroethene	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	MB	<0.20	0.2			20170824
2-Butanone (MEK)	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	MB	<8.0	8			20170824
1,2-Dichloroethane (EDC)	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	MB	<0.20	0.2			20170824
Trichloroethene (TCE)	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	MB	<0.20	0.2			20170824
Tetrachloroethene (PCE)	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	MB	<0.20	0.2			20170824
Dibromofluoromethane	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	SURR	93	0	93		20170824
Toluene-d8	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	SURR	104	0	104		20170824
4-Bromofluorobenzene	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	SURR	88	0	88		20170824
1,1-Dichloroethene	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	LCS	4.36	0.2	109		20170824
2-Butanone (MEK)	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	LCS	20	8	100		20170824
1,2-Dichloroethane (EDC)	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	LCS	3.88	0.2	97		20170824
Trichloroethene (TCE)	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	LCS	4.15	0.2	104		20170824
Tetrachloroethene (PCE)	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	LCS	3.93	0.2	98		20170824
Dibromofluoromethane	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	SURR	94	0	94		20170824
Toluene-d8	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	SURR	107	0	107		20170824
4-Bromofluorobenzene	Misc. Sol	EPA 1311 / EPA 5030B	8260-C	SURR	100	0	100		20170824
Pyridine	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.50	0.5			20170824
2-Methylphenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.10	0.1			20170824
Hexachloroethane	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.10	0.1			20170824
4-Methylphenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.10	0.1			20170824
Nitrobenzene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.10	0.1			20170824
Hexachlorobutadiene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.10	0.1			20170824

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
2,4,6-Trichlorophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.10	0.1			20170824
2,4,5-Trichlorophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.10	0.1			20170824
2,4-Dinitrotoluene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.10	0.1			20170824
Hexachlorobenzene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.10	0.1			20170824
Pentachlorophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	MB	<0.25	0.25			20170824
Phenol-d6	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	73	0	73		20170824
Nitrobenzene-d5	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	80	0	80		20170824
2-Fluorobiphenyl	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	81	0	81		20170824
2,4,6-Tribromophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	110	0	110		20170824
p-Terphenyl-d14	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	108	0	108		20170824
Pyridine	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	1.39	0.5	69		20170824
2-Methylphenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	0.922	0.1	92		20170824
Hexachloroethane	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	0.775	0.1	78		20170824
4-Methylphenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	0.892	0.1	89		20170824
Nitrobenzene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	0.837	0.1	84		20170824
Hexachlorobutadiene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	0.917	0.1	92		20170824
2,4,6-Trichlorophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	0.938	0.1	94		20170824
2,4,5-Trichlorophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	0.873	0.1	87		20170824
2,4-Dinitrotoluene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	0.865	0.1	86		20170824
Hexachlorobenzene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	1.16	0.1	116		20170824
Pentachlorophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	LCS	1.02	0.25	102		20170824
Phenol-d6	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	77	0	77		20170824
Nitrobenzene-d5	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	83	0	83		20170824
2-Fluorobiphenyl	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	86	0	86		20170824
2,4,6-Tribromophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	116	0	116		20170824
p-Terphenyl-d14	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	96	0	96		20170824
Pyridine	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	1.34	0.5	67	4	20170824
2-Methylphenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	0.835	0.1	83	10	20170824
Hexachloroethane	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	0.728	0.1	73	6	20170824
4-Methylphenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	0.812	0.1	81	9	20170824
Nitrobenzene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	0.806	0.1	81	4	20170824
Hexachlorobutadiene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	0.848	0.1	85	8	20170824
2,4,6-Trichlorophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	0.819	0.1	82	13	20170824
2,4,5-Trichlorophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	0.81	0.1	81	7	20170824
2,4-Dinitrotoluene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	0.696	0.1	70	22	20170824
Hexachlorobenzene	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	1.02	0.1	102	13	20170824

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Pentachlorophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	DLCS	0.929	0.25	93	9	20170824
Phenol-d6	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	78	0	78		20170824
Nitrobenzene-d5	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	87	0	87		20170824
2-Fluorobiphenyl	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	86	0	86		20170824
2,4,6-Tribromophenol	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	113	0	113		20170824
p-Terphenyl-d14	Misc. Sol	EPA 1311 / EPA 3510C	8270-D	SURR	94	0	94		20170824
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170823
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170823
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20170823
Sulfate	Water	NONE	300	LCS	5.2	0.1	104		20170823
Sulfate	Water	NONE	300	DUP	0.67	0.2		1	20170823
Sulfate	Water	NONE	300	MS	9.24	0.4	107		20170823
Sulfate	Water	NONE	300	DMS	9.28	0.4	108	1	20170823
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170823
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170823
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170823
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.2	1	92		20170823
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	0.02	98		20170823
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	1	96		20170823
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	104	1		3	20170823
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20170823
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	42.8	1		4	20170823
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	201	1	93		20170823
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	0.02	101		20170823
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	67.7	1	92		20170823
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170830
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170830
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170830
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170830
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	1	97		20170830
Nitrate as N	Water	NONE	300	LCS	2.33	0.05	93		20170830
Turbidity Lab	Water	NONE	180.1	LCS	6.04	0.1	93		20170830
Nitrate as N	Water	NONE	300	DUP	8.77	0.25		1	20170830
Nitrate as N	Water	NONE	300	MS	32.6	0.5	119		20170830
Nitrate as N	Water	NONE	300	DMS	32.6	0.5	119	1	20170830
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170830

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170830
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170830
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170830
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170830
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170830
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170830
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170830
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170830
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170830
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170830
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170830
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20170830
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.3	1	91		20170830
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	0.02	101		20170830
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170830
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	0.16	102		20170830
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170830
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170830
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170830
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170830
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170830
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170830
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170830
Mercury, Total	Water	METHOD	1631	MS	46.8	1	94		20170830
Mercury, Total	Water	METHOD	1631	DMS	46.4	1	93	1	20170830
Mercury, Total	Water	METHOD	1631	QCS	4.95	0.5	99		20170830
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170830
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170830
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20170830
Sulfate	Water	NONE	300	MB	<0.10	0.1			20170830
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170830
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170830
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170830
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	1	97		20170830
Nitrate as N	Water	NONE	300	LCS	2.33	0.05	93		20170830
Sulfate	Water	NONE	300	LCS	5.2	0.1	104		20170830

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	LCS	6.04	0.1	93		20170830
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170830
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170830
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170830
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170830
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170830
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170830
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170830
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170830
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170830
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170830
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170830
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.3	1	91		20170830
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	0.02	101		20170830
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170830
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	0.16	102		20170830
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170830
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170830
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.4	1	101		20170830
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	98		20170830
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170830
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	60	50		5	20170830
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.9	1		1	20170830
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170830
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170830
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170830
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.3	1		1	20170830
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170830
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170830
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170830
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170830
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1060	50	99		20170830
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	97.4	1	88		20170830
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	0.02	101		20170830
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	1	96		20170830
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.4	0.16	101		20170830

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	33.2	1	100		20170830
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.5	1	94		20170830
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.4	1	103		20170830
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	98		20170830
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	2.5	98		20170830
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170830
Hardness, Total	Water	NONE	2340-B	DUP	259	1		2	20170830
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170830
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170830
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170830
Mercury, Total	Water	METHOD	1631	QCS	4.95	0.5	99		20170830
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170816
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170816
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170816
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20170816
Total Suspended Solids	Water	NONE	2540-D	LCS	400	20	93		20170816
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170816
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170816
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170816
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170816
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20170816
Total Suspended Solids	Water	NONE	2540-D	LCS	400	20	93		20170816
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170821
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170821
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170821
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170821
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20170821
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170821
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170821
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170821
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170821
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20170821
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170821
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170831
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170831
Chloride	Water	METHOD	300	MB	<1.0	1			20170831

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Conductivity	Water	NONE	2510	MB	<5.0	5			20170831
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170831
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170831
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170831
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170831
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170831
Conductivity	Water	NONE	2510	MB	<5.0	5			20170831
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170831
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170831
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170831
Conductivity	Water	NONE	2510	LCS	239	5	102		20170831
Nitrate as N	Water	METHOD	300	LCS	2.32	0.05	93		20170831
Nitrite as N	Water	METHOD	300	LCS	2.36	0.05	94		20170831
pH lab	Water	NONE	4500-H-B	LCS	7.66		99		20170831
Sulfate	Water	METHOD	300	LCS	4.91	0.1	98		20170831
Turbidity Lab	Water	NONE	180.1	LCS	5.92	0.1	91		20170831
pH lab	Water	NONE	4500-H-B	DUP	7.67			1	20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170831
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170831
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170831
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170831
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170831
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4820	10	96		20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170831
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	2.5	101		20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	0.02	101		20170831
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	0.16	102		20170831

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170831
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.4	1	101		20170831
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	98		20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170831
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.2	2.5	102		20170831
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.17	0.2	103		20170831
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170831
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.2	2.5	102		20170831
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170831
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170831
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170831
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170831
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170831
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170831
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170831
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170831
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170831
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170831
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170831
Nitrate as N	Water	METHOD	300	LCS	2.32	0.05	93		20170831
Sulfate	Water	METHOD	300	LCS	4.91	0.1	98		20170831
Turbidity Lab	Water	NONE	180.1	LCS	5.92	0.1	91		20170831
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170831
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170831
Turbidity Lab	Water	NONE	180.1	DUP	0.35	0.1		1	20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170831
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170831
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170831
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170831
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170831
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170831
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.3	1	91		20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	0.02	101		20170831
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	0.16	102		20170831
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170831
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.4	1	101		20170831
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	98		20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	QCS	4.67	0.5	93		20170831
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170831
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170831
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170831
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170831
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170831
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170831
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.3	0.5	101		20170831
Nitrate as N	Water	METHOD	300	LCS	2.32	0.05	93		20170831
Sulfate	Water	METHOD	300	LCS	4.91	0.1	98		20170831
Turbidity Lab	Water	NONE	180.1	LCS	5.92	0.1	91		20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170831
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170831
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.3	1	91		20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	0.02	101		20170831
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	0.16	102		20170831
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170831
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.4	1	101		20170831
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	0.1	98		20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	MS	46.2	1	92		20170831
Mercury, Total	Water	METHOD	1631	DMS	47.2	1	94	2	20170831
Mercury, Total	Water	METHOD	1631	QCS	4.67	0.5	93		20170831
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170831
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170831
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170831
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170831
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170831
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.4	0.5	102		20170831
Nitrate as N	Water	METHOD	300	LCS	2.32	0.05	93		20170831
Turbidity Lab	Water	NONE	180.1	LCS	5.92	0.1	91		20170831
Turbidity Lab	Water	NONE	180.1	LCS	5.95	0.1	91		20170831
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	2.82	0.1		1	20170831
Turbidity Lab	Water	NONE	180.1	DUP	0.36	0.1		1	20170831
Ammonia as N	Water	METHOD	4500-NH3 G	MS	4.82	0.1	100		20170831
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	4.83	0.1	100	1	20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170831
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170831
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170831

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170831
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170831
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170831
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.3	1	91		20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	0.02	101		20170831
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	0.16	102		20170831
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	QCS	4.67	0.5	93		20170831
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170831
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170831
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170905
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170905
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170905
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20170905
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170905
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170905
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20170905
Phosphorus	Water	METHOD	365.3	MB	<0.010	0.01			20170905
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20170905
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170905
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20170905
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170905
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170905
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170905
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20170905

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.4	0.5	102		20170905
Total Organic Carbon	Water	NONE	5310-C	LCS	24.4	0.5	102		20170905
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	117	5	97		20170905
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170905
Nitrite as N	Water	METHOD	300	LCS	2.41	0.05	96		20170905
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.98	0.2	105		20170905
Phosphorus	Water	METHOD	365.3	LCS	8.17	0.1	95		20170905
Total Organic Carbon	Water	NONE	5310-C	LCS	25.3	0.5	105		20170905
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	116	5	96		20170905
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	116	5	96		20170905
Chlorophyll A	Water	NONE	10200 H	LCS	4240	80	94		20170905
Chlorophyll A	Water	NONE	10200 H	DLCS	4190	80	93	1	20170905
Total Organic Carbon	Water	NONE	5310-C	DUP	4.13	0.5		1	20170905
Phosphorus	Water	METHOD	365.3	DUP	<0.010	0.01		NC	20170905
Total Organic Carbon	Water	NONE	5310-C	DUP	3.66	0.5		7	20170905
Nitrate as N	Water	METHOD	300	DUP	<0.050	0.05		NC	20170905
Nitrite as N	Water	METHOD	300	DUP	<0.050	0.05		NC	20170905
Total Organic Carbon	Water	NONE	5310-C	DUP	2.77	0.5		4	20170905
Total Organic Carbon	Water	NONE	5310-C	DUP	2.72	0.5		1	20170905
Total Organic Carbon	Water	NONE	5310-C	MS	31.1	0.5	108		20170905
Phosphorus	Water	METHOD	365.3	MS	0.508	0.01	102		20170905
Nitrate as N	Water	METHOD	300	MS	3.83	0.1	96		20170905
Nitrite as N	Water	METHOD	300	MS	3.87	0.1	97		20170905
Phosphorus	Water	METHOD	365.3	DMS	0.485	0.01	97	5	20170905
Nitrate as N	Water	METHOD	300	DMS	3.87	0.1	97	1	20170905
Nitrite as N	Water	METHOD	300	DMS	3.87	0.1	97	1	20170905
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170905
Total Recoverable Sulfur	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170905
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20170905
Total Recoverable Sulfur	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9950	40	99		20170905
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	29400	1000		4	20170905
Total Recoverable Sulfur	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	137000	40		2	20170905
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	41000	1000	104		20170905
Total Recoverable Sulfur	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	151000	40	102		20170905
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170831
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170831

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chloride	Water	METHOD	300	MB	<1.0	1			20170831
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170831
Color	Water	NONE	2120-B	MB	<5.0	5			20170831
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170831
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170831
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170831
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170831
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170831
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170831
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170831
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170831
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.4	0.5	102		20170831
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170831
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.03	0.05	103		20170831
Color	Water	NONE	2120-B	LCS	15	5	100		20170831
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170831
Sulfate	Water	METHOD	300	LCS	4.84	0.1	97		20170831
Turbidity Lab	Water	NONE	180.1	LCS	5.95	0.1	91		20170831
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20170831
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.01	0.05	101		20170831
Total Dissolved Solids	Water	NONE	2540-C	DUP	78	10		8	20170831
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20170831
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20170831
Chloride	Water	METHOD	300	DUP	<1.0	1		NC	20170831
Nitrate as N	Water	METHOD	300	DUP	0.23	0.05		1	20170831
Sulfate	Water	METHOD	300	DUP	4.24	0.1		2	20170831
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1.01	0.05	101		20170831
Chloride	Water	METHOD	300	MS	4.1	2	104		20170831
Nitrate as N	Water	METHOD	300	MS	4.09	0.1	96		20170831
Sulfate	Water	METHOD	300	MS	8.09	0.2	94		20170831
Chloride	Water	METHOD	300	DMS	4.2	2	104	1	20170831
Nitrate as N	Water	METHOD	300	DMS	4.13	0.1	98	1	20170831
Sulfate	Water	METHOD	300	DMS	8.13	0.2	95	1	20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170831

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170831
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170831
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2440	50	98		20170831
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.3	1	91		20170831
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	0.02	101		20170831
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20170831
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	0.16	102		20170831
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170831
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20170831
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.4	1	101		20170831
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170831
Mercury, Total	Water	METHOD	1631	QCS	4.67	0.5	93		20170831
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170831
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170905
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170905
Chloride	Water	METHOD	300	MB	<1.0	1			20170905
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170905
Color	Water	NONE	2120-B	MB	<5.0	5			20170905
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170905
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170905
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170905
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170905
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170905
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170905
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	97		20170905
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.44	0.5	93		20170905
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170905
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.99	0.05	99		20170905
Color	Water	NONE	2120-B	LCS	15	5	100		20170905

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170905
Sulfate	Water	METHOD	300	LCS	5.18	0.1	104		20170905
Turbidity Lab	Water	NONE	180.1	LCS	5.99	0.1	92		20170905
Total Suspended Solids	Water	NONE	2540-D	LCS	404	20	94		20170905
Total Residual Chlorine	Water	NONE	4500-CI G	LCS	1.01	0.05	101		20170905
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170905
Total Residual Chlorine	Water	NONE	4500-CI G	DUP	<0.050	0.05		NC	20170905
Color	Water	NONE	2120-B	DUP	20	5		1	20170905
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170905
Turbidity Lab	Water	NONE	180.1	DUP	0.76	0.1		5	20170905
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.86	0.1	93		20170905
Total Residual Chlorine	Water	NONE	4500-CI G	MS	1.06	0.05	106		20170905
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.83	0.1	92	1	20170905
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170905
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170905
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170905
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170905
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170905
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170905
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170905
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170905
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170905
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170905
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170905
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170905
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11400	1000	91		20170905
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11300	1000	91		20170905
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	102	1	102		20170905
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	27	0.02	108		20170905
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170905
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.1	0.16	106		20170905
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170905
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170905
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.5	1	105		20170905
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	2.5	102		20170905
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	72	50		10	20170905

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1400	1000		4	20170905
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1000	1000		NC	20170905
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	113	50		2	20170905
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	2100	1000		2	20170905
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	3400	1000		2	20170905
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	36.1	1		1	20170905
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170905
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.7	1		3	20170905
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170905
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.9	1		1	20170905
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170905
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170905
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170905
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	39.8	1		3	20170905
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20170905
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.2	1		1	20170905
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170905
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.4	1		1	20170905
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170905
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170905
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170905
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1120	50	106		20170905
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	1000	90		20170905
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10000	1000	100		20170905
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1190	50	107		20170905
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11200	1000	90		20170905
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	12700	1000	93		20170905
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	140	1	103		20170905
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	27.1	0.02	109		20170905
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	15.5	1	103		20170905
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.8	0.16	106		20170905
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	30	1	109		20170905
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.6	1	102		20170905
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.1	1	104		20170905
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.8	2.5	107		20170905
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	143	1	104		20170905

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	27	0.02	108		20170905
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	14.7	1	100		20170905
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.3	0.16	105		20170905
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	33	1	107		20170905
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	1	100		20170905
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.6	1	105		20170905
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.3	2.5	105		20170905
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170905
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170905
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170905
Mercury, Total	Water	METHOD	1631	MS	52.1	1	101		20170905
Mercury, Total	Water	METHOD	1631	DMS	52.8	1	102	1	20170905
Mercury, Total	Water	METHOD	1631	QCS	5.43	0.5	109		20170905
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170905
Hardness, Total	Water	NONE	2340-B	DUP	40.9	1		4	20170905
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170905
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	7.5	1		4	20170905
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170825
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170825
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170825
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170825
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20170825
Total Suspended Solids	Water	NONE	2540-D	LCS	404	20	94		20170825
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170825
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20170825
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170825
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170825
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20170825
Total Suspended Solids	Water	NONE	2540-D	LCS	404	20	94		20170825
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170906
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	LCS	9.99	1	98		20170906
Nitrate as N	Water	METHOD	300	LCS	2.34	0.05	93		20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170906
Chloride	Water	METHOD	300	MB	<1.0	1			20170906
Conductivity	Water	NONE	2510	MB	<5.0	5			20170906

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170906
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170906
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170906
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170906
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170906
Conductivity	Water	NONE	2510	MB	<5.0	5			20170906
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	LCS	9.99	1	98		20170906
Chloride	Water	METHOD	300	LCS	5	1	100		20170906
Conductivity	Water	NONE	2510	LCS	239	5	102		20170906
Nitrate as N	Water	METHOD	300	LCS	2.34	0.05	93		20170906
Nitrite as N	Water	METHOD	300	LCS	2.37	0.05	95		20170906
pH lab	Water	NONE	4500-H-B	LCS	7.69		100		20170906
Sulfate	Water	METHOD	300	LCS	4.98	0.1	100		20170906
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170906
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.71	0.1		1	20170906
Conductivity	Water	NONE	2510	DUP	1040	5		1	20170906
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.73	0.1	101		20170906
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.71	0.1	99	2	20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170906
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170906
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170906
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170906
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170906
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4620	10	92		20170906
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170906
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.6	2.5	105		20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	27	0.02	108		20170906

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.1	0.16	106		20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170906
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170906
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.5	1	105		20170906
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	0.1	102		20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	2.5	102		20170906
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.1	2.5	101		20170906
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.86	0.2	97		20170906
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170906
Chloride	Water	METHOD	300	MB	<1.0	1			20170906
Conductivity	Water	NONE	2510	MB	<5.0	5			20170906
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170906
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170906
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170906
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170906
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170906
Conductivity	Water	NONE	2510	MB	<5.0	5			20170906
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	LCS	9.99	1	98		20170906
Chloride	Water	METHOD	300	LCS	5	1	100		20170906
Conductivity	Water	NONE	2510	LCS	239	5	102		20170906
Nitrate as N	Water	METHOD	300	LCS	2.34	0.05	93		20170906
Nitrite as N	Water	METHOD	300	LCS	2.37	0.05	95		20170906
pH lab	Water	NONE	4500-H-B	LCS	7.69		100		20170906
Sulfate	Water	METHOD	300	LCS	4.98	0.1	100		20170906
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170906
pH lab	Water	NONE	4500-H-B	DUP	6.41			1	20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170906
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170906
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170906
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170906
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170906
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4620	10	92		20170906
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170906
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.6	2.5	105		20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	27	0.02	108		20170906
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.1	0.16	106		20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170906
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170906
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.5	1	105		20170906
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	0.1	102		20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	2.5	102		20170906
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.1	2.5	101		20170906
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.86	0.2	97		20170906
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5		0	20170906
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2			20170906
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	11.1	2.5	111		20170906
Total Recoverable Mercury	Water	METHOD	7470-A	MS	5.09	0.2	102		20170906
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170906
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170906
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170906
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170906
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170906
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170906
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	97		20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	LCS	9.99	1	98		20170906
Nitrate as N	Water	METHOD	300	LCS	2.34	0.05	93		20170906
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170906
Total Suspended Solids	Water	NONE	2540-D	LCS	404	20	94		20170906
Turbidity Lab	Water	NONE	180.1	DUP	0.21	0.1		13	20170906

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170906
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170906
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170906
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170906
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2580	50	103		20170906
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11400	1000	91		20170906
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11300	1000	91		20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	102	1	102		20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	27	0.02	108		20170906
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.1	0.16	106		20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	1	105		20170906
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	2.5	102		20170906
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170906
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170906
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170906
Mercury, Total	Water	METHOD	1631	MS	45.2	1	90		20170906
Mercury, Total	Water	METHOD	1631	DMS	46.8	1	94	3	20170906
Mercury, Total	Water	METHOD	1631	QCS	5	0.5	100		20170906
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170906
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170906
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170906
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170906
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170906
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170906
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170906
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170906
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170906

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.1	0.5	99		20170906
Nitrate as N	Water	METHOD	300	LCS	2.34	0.05	93		20170906
Sulfate	Water	METHOD	300	LCS	4.98	0.1	100		20170906
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170906
Total Suspended Solids	Water	NONE	2540-D	LCS	404	20	94		20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	LCS	9.99	1	98		20170906
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.5	0.1		1	20170906
Total Dissolved Solids	Water	NONE	2540-C	DUP	759	10		1	20170906
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.49	0.1	99		20170906
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.49	0.1	98	1	20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170906
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170906
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170906
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	1	101		20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.4	0.02	106		20170906
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.5	0.16	103		20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	1	103		20170906
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170906
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.9	1	100		20170906
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	2.5	102		20170906
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2550	50	102		20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.8	1		1	20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170906
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15.4	1		1	20170906
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170906

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170906
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170906
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	199	50		3	20170906
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	107	1	99		20170906
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.2	0.02	105		20170906
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	1	100		20170906
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.3	0.16	101		20170906
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.8	1	105		20170906
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	1	100		20170906
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51	1	102		20170906
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	99		20170906
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	2.5	101		20170906
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1280	50	107		20170906
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170906
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170906
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170906
Mercury, Total	Water	METHOD	1631	QCS	5	0.5	100		20170906
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170906
Hardness, Total	Water	NONE	2340-B	DUP	259	1		2	20170906
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	MB	<0.10	0.1			20170911
Chloride	Water	METHOD	300	MB	<1.0	1			20170911
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170911
Color	Water	NONE	2120-B	MB	<5.0	5			20170911
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170911
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170911
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170911
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170911
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170911
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170911
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170911
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170911
Ammonia as N	Water	4500-NH3 B	4500-NH3 G	LCS	9.99	1	98		20170911
Chloride	Water	METHOD	300	LCS	4.87	1	97		20170911
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.98	0.05	98		20170911
Color	Water	NONE	2120-B	LCS	15	5	100		20170911

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170911
Sulfate	Water	METHOD	300	LCS	4.84	0.1	97		20170911
Turbidity Lab	Water	NONE	180.1	LCS	6.02	0.1	92		20170911
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170911
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.99	0.05	99		20170911
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.95	0.05	95		20170911
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		0	20170911
Color	Water	NONE	2120-B	DUP	90	10		1	20170911
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		0	20170911
Turbidity Lab	Water	NONE	180.1	DUP	0.81	0.1		1	20170911
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	0.99	0.05	99		20170911
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.04	0.1	104		20170911
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.04	0.1	104	1	20170911
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170911
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170911
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170911
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170911
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170911
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170911
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170911
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170911
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170911
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170911
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.2	1	95		20170911
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	0.02	107		20170911
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	110		20170911
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	0.16	106		20170911
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	1	107		20170911
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170911
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170911
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170911
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	365	50		2	20170911
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	121	1		1	20170911
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.026	0.02		7	20170911
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170911
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170911

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	35.9	1		1	20170911
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170911
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170911
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170911
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1370	50	100		20170911
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	225	1	105		20170911
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.8	0.02	107		20170911
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	14.2	1	114		20170911
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.1	0.16	104		20170911
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	62.9	1	107		20170911
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.3	1	105		20170911
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.4	1	101		20170911
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	28.7	2.5	115		20170911
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170911
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170911
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170911
Mercury, Total	Water	METHOD	1631	MS	48.4	1	91		20170911
Mercury, Total	Water	METHOD	1631	DMS	46.4	1	87	4	20170911
Mercury, Total	Water	METHOD	1631	QCS	5	0.5	100		20170911
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170911
Hardness, Total	Water	NONE	2340-B	DUP	65.6	1		2	20170911
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170920
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170920
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170920
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170920
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.9	1	107		20170920
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170920
Sulfate	Water	METHOD	300	LCS	4.88	0.1	98		20170920
Turbidity Lab	Water	NONE	180.1	LCS	6.14	0.1	94		20170920
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.62	0.1		1	20170920
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.96	0.2	118		20170920
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.86	0.2	113	4	20170920
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170920
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170920
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170920
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170920
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170920
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170920
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.2	1	95		20170920
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	0.02	107		20170920
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	110		20170920
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	0.16	106		20170920
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	1	107		20170920
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170920
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170920
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	0.1	106		20170920
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170920
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	621	50		3	20170920
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	19	1		12	20170920
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170920
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170920
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170920
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	41.3	1		1	20170920
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170920
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170920
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170920
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170920
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1620	50	98		20170920
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	118	1	101		20170920
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.2	0.02	105		20170920
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.6	1	109		20170920
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.7	0.16	103		20170920
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	67.4	1	105		20170920
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.5	1	106		20170920
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.8	1	104		20170920
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.1	0.1	104		20170920
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.6	2.5	106		20170920

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170920
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170920
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170920
Mercury, Total	Water	METHOD	1631	QCS	5.29	0.5	106		20170920
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170920
Hardness, Total	Water	NONE	2340-B	DUP	245	1		4	20170920
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170920
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170920
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170920
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170920
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.9	1	107		20170920
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170920
Sulfate	Water	METHOD	300	LCS	4.88	0.1	98		20170920
Turbidity Lab	Water	NONE	180.1	LCS	6.14	0.1	94		20170920
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.62	0.1		1	20170920
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.96	0.2	118		20170920
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.86	0.2	113	4	20170920
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170920
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170920
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170920
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170920
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170920
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170920
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170920
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.2	1	95		20170920
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	0.02	107		20170920
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	110		20170920
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	0.16	106		20170920
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	1	107		20170920
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170920
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170920
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	0.1	106		20170920

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170920
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	621	50		3	20170920
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	19	1		12	20170920
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170920
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170920
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20170920
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	41.3	1		1	20170920
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170920
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170920
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170920
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20170920
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1620	50	98		20170920
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	118	1	101		20170920
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.2	0.02	105		20170920
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.6	1	109		20170920
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.7	0.16	103		20170920
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	67.4	1	105		20170920
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.5	1	106		20170920
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.8	1	104		20170920
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.1	0.1	104		20170920
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.6	2.5	106		20170920
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170920
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170920
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170920
Mercury, Total	Water	METHOD	1631	QCS	5.29	0.5	106		20170920
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170920
Hardness, Total	Water	NONE	2340-B	DUP	245	1		4	20170920
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170919
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170919
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170919
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.9	1	107		20170919
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170919
Turbidity Lab	Water	NONE	180.1	LCS	6.14	0.1	94		20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170919
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170919
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170919

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170919
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	98		20170919
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12100	1000	96		20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	95.2	1	95		20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	0.02	107		20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	110		20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	0.16	106		20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	1	107		20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170919
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170919
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170919
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170919
Mercury, Total	Water	METHOD	1631	QCS	5.29	0.5	106		20170919
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170919
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170919
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170919
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170919
Chloride	Water	METHOD	300	MB	<1.0	1			20170919
Conductivity	Water	NONE	2510	MB	<5.0	5			20170919
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170919
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170919
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170919
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170919
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170919
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.9	1	107		20170919
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170919
Conductivity	Water	NONE	2510	LCS	243	5	104		20170919
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170919

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrite as N	Water	METHOD	300	LCS	2.36	0.05	94		20170919
pH lab	Water	NONE	4500-H-B	LCS	7.66		99		20170919
Sulfate	Water	METHOD	300	LCS	4.88	0.1	98		20170919
Turbidity Lab	Water	NONE	180.1	LCS	6.14	0.1	94		20170919
Total Dissolved Solids	Water	NONE	2540-C	DUP	978	10		1	20170919
Turbidity Lab	Water	NONE	180.1	DUP	235	1		1	20170919
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170919
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170919
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170919
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.96	0.2	99		20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5160	10	103		20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170919
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.8	2.5	108		20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	0.02	107		20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	110		20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	0.16	106		20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	1	107		20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170919
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170919
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	0.1	106		20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170919
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170919
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170919
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170901
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170901
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20170901

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170901
Total Dissolved Solids	Water	NONE	2540-C	DUP	284	10		2	20170901
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170901
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170919
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170919
Chloride	Water	METHOD	300	MB	<1.0	1			20170919
Conductivity	Water	NONE	2510	MB	<5.0	5			20170919
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170919
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20170919
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170919
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170919
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170919
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170919
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.47	0.5	93		20170919
Chloride	Water	METHOD	300	LCS	4.8	1	97		20170919
Conductivity	Water	NONE	2510	LCS	243	5	104		20170919
Nitrate as N	Water	METHOD	300	LCS	2.39	0.05	96		20170919
Nitrite as N	Water	METHOD	300	LCS	2.36	0.05	94		20170919
pH lab	Water	NONE	4500-H-B	LCS	7.66		99		20170919
Sulfate	Water	METHOD	300	LCS	4.88	0.1	98		20170919
Turbidity Lab	Water	NONE	180.1	LCS	6.14	0.1	94		20170919
Total Dissolved Solids	Water	NONE	2540-C	DUP	279	10		2	20170919
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.24	0.1		6	20170919
pH lab	Water	NONE	4500-H-B	DUP	7.46			1	20170919
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.23	0.1	100		20170919
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.22	0.1	100	1	20170919
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170919
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170919
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20170919
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.96	0.2	99		20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5160	10	103		20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2420	50	97		20170919
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53.8	2.5	108		20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	0.02	107		20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.8	1	110		20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52.9	0.16	106		20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	1	107		20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20170919
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	1	104		20170919
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	13.3	0.1	106		20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.8	2.5	107		20170919
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10	2.5	100		20170919
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20170919
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.7	2.5	107		20170919
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170919
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170901
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170901
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20170901
Total Suspended Solids	Water	NONE	2540-D	LCS	430	20	100		20170901
Acidity, Total	Water	NONE	2310-B	MB	<2.0	2			20170918
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20170918
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170918
Chloride	Water	METHOD	300	MB	<1.0	1			20170918
Conductivity	Water	NONE	2510	MB	<5.0	5			20170918
Fluoride	Water	METHOD	300	MB	<0.10	0.1			20170918
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170918
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170918
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170918
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170918
Acidity, Total	Water	NONE	2310-B	LCS	965	10	100		20170918
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20170918
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.47	0.5	93		20170918

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chloride	Water	METHOD	300	LCS	4.9	1	98		20170918
Conductivity	Water	NONE	2510	LCS	243	5	104		20170918
Fluoride	Water	METHOD	300	LCS	4.79	0.1	96		20170918
Nitrate as N	Water	METHOD	300	LCS	2.32	0.05	93		20170918
pH lab	Water	NONE	4500-H-B	LCS	8.45		110		20170918
Sulfate	Water	METHOD	300	LCS	4.87	0.1	97		20170918
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	43.4	5		1	20170918
Conductivity	Water	NONE	2510	DUP	90.1	5		1	20170918
Aciditiy, Total	Water	NONE	2310-B	DUP	1670	2		1	20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20170918
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<30	30			20170918
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170918
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20170918
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170918
Total Recoverable Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20170918
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170918
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<200	200			20170918
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170918
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1.0	1			20170918
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20170918
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<2.0	2			20170918
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170918
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170918
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170918
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170918
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170918
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170918
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170918
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170918

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170918
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170918
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.20	0.2			20170918
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170918
Total Recoverable Zirconium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.20	0.2			20170918
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4880	10	98		20170918
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	479	30	96		20170918
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	98		20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2380	50	95		20170918
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9880	20	99		20170918
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12000	1000	96		20170918
Total Recoverable Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10000	40	100		20170918
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12000	1000	96		20170918
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11700	1000	94		20170918
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10000	1	100		20170918
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9600	20	96		20170918
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9980	2	100		20170918
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9390	200	94		20170918
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11	0.05	110		20170918
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	52	2.5	104		20170918
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	0.05	101		20170918
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	2.48	0.02	99		20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20170918
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.1	2.5	101		20170918
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	0.02	101		20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.2	0.16	102		20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	1	104		20170918
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	20.4	0.05	102		20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.6	1	98		20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.9	1	104		20170918
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	0.1	101		20170918
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.4	0.02	101		20170918
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	20.6	0.02	103		20170918
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	0.2	102		20170918

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.3	2.5	105		20170918
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.96	0.2	99		20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	16	10		1	20170918
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<30	30		0	20170918
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	17800	1000		1	20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50		0	20170918
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<20	20		0	20170918
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000		0	20170918
Total Recoverable Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<40	40		0	20170918
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000		0	20170918
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1380	200		1	20170918
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000		0	20170918
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	155	1		1	20170918
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<20	20		0	20170918
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<2.0	2		0	20170918
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.474	0.05		2	20170918
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	4.2	2.5		1	20170918
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.7	0.05		1	20170918
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170918
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170918
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		51	20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170918
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.469	0.05		1	20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.7	1	107		20170918
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	21	0.05	103		20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	1	99		20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	53.4	1	107		20170918
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.6	0.1	101		20170918
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.2	0.02	102		20170918
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	20.8	0.02	104		20170918
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.4	0.2	104		20170918
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	34.5	2.5	108		20170918

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Mercury	Water	METHOD	7470-A	MS	5.15	0.2	103		20170918
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170918
Hardness, Total	Water	NONE	2340-B	DUP	45.2	1		1	20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170918
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20170918
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170918
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.104	0.02		2	20170918
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.35	0.2		3	20170918
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.5	2.5		1	20170918
Total Recoverable Zirconium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.20	0.2			20170918
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2		0	20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1950	10	97		20170918
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	494	30	99		20170918
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	27700	1000	99		20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	977	50	98		20170918
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10400	20	104		20170918
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	1000	103		20170918
Total Recoverable Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	40	103		20170918
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	1000	103		20170918
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	1000	103		20170918
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10400	1	102		20170918
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	9770	20	98		20170918
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10100	2	101		20170918
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11100	200	97		20170918
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.6	0.05	111		20170918
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	57.4	2.5	106		20170918
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	117	0.05	103		20170918
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	2.58	0.02	103		20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	0.02	103		20170918
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.3	2.5	103		20170918
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.4	0.02	102		20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.6	1	109		20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.2	0.16	102		20170918
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170918
Chloride	Water	METHOD	300	MB	<1.0	1			20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170918

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Color	Water	NONE	2120-B	MB	<5.0	5			20170918
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170918
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170918
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170918
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170918
Chloride	Water	METHOD	300	MB	<1.0	1			20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170918
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170918
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170918
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170918
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170918
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.47	0.5	93		20170918
Chloride	Water	METHOD	300	LCS	4.9	1	99		20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20170918
Color	Water	NONE	2120-B	LCS	15	5	100		20170918
Nitrate as N	Water	METHOD	300	LCS	2.36	0.05	95		20170918
Sulfate	Water	METHOD	300	LCS	5.13	0.1	103		20170918
Turbidity Lab	Water	NONE	180.1	LCS	5.91	0.1	91		20170918
Total Suspended Solids	Water	NONE	2540-D	LCS	402	20	94		20170918
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170918
Chloride	Water	METHOD	300	LCS	4.9	1	99		20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1	0.05	100		20170918
Sulfate	Water	METHOD	300	LCS	5.18	0.1	104		20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.97	0.05	97		20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.99	0.05	99		20170918
Total Dissolved Solids	Water	NONE	2540-C	DUP	97	10		2	20170918
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20170918
Color	Water	NONE	2120-B	DUP	70	5		1	20170918
Turbidity Lab	Water	NONE	180.1	DUP	0.34	0.1		1	20170918
Total Dissolved Solids	Water	NONE	2540-C	DUP	735	10		3	20170918
Total Suspended Solids	Water	NONE	2540-D	DUP	5	5		18	20170918
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.03	0.1	101		20170918
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	0.96	0.05	96		20170918

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.01	0.1	100	1	20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170918
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	104	1	104		20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.3	0.02	105		20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	1	102		20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.5	0.16	103		20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.8	1	103		20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.7	1	103		20170918
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	2.5	102		20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	158	50		3	20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	157	50		1	20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	96.5	1		1	20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.1	1		2	20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170918
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	92.6	1		2	20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9	1		2	20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170918

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1200	50	104		20170918
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1190	50	103		20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	195	1	99		20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.2	0.02	105		20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.1	1	104		20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.2	0.16	102		20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	34.9	1	104		20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	1	100		20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.1	1	104		20170918
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	2.5	103		20170918
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	196	1	102		20170918
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	27.1	0.02	109		20170918
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.7	1	109		20170918
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.8	0.16	106		20170918
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	35.7	1	106		20170918
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.2	1	101		20170918
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	53.8	1	108		20170918
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.8	2.5	107		20170918
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170918
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170918
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170918
Mercury, Total	Water	METHOD	1631	MS	44.6	1	85		20170918
Mercury, Total	Water	METHOD	1631	DMS	41.7	1	80	7	20170918
Mercury, Total	Water	METHOD	1631	QCS	5.02	0.5	100		20170918
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170918
Hardness, Total	Water	NONE	2340-B	DUP	60.7	1		3	20170918
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170919
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170919
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.47	0.5	93		20170919
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	119	1	103		20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.4	0.02	106		20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	101		20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.3	0.16	101		20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	65	1	110		20170919

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	1	100		20170919
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	54	1	108		20170919
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	0.1	102		20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	2.5	98		20170919
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170919
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170919
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170919
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170919
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170919
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170919
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170919
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170919
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170919
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170919
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.47	0.5	93		20170919
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170919
Sulfate	Water	METHOD	300	LCS	4.95	0.1	99		20170919
Turbidity Lab	Water	NONE	180.1	LCS	6.02	0.1	92		20170919
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170919
Total Dissolved Solids	Water	NONE	2540-C	DUP	715	10		1	20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2400	50	96		20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	1	101		20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	1	102		20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	0.16	102		20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	1	103		20170919

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	1	100		20170919
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	1	103		20170919
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	103		20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	462	50		4	20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15.2	1		1	20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	36.8	1		2	20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170919
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20170919
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1450	50	97		20170919
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170919
Mercury, Total	Water	METHOD	1631	MS	50.9	1	102		20170919
Mercury, Total	Water	METHOD	1631	DMS	51	1	102	1	20170919
Mercury, Total	Water	METHOD	1631	QCS	5.07	0.5	101		20170919
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170919
Hardness, Total	Water	NONE	2340-B	DUP	231	1		3	20170919
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170919
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170919
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170919
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170919
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170919
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170919
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170919
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.47	0.5	93		20170919
Nitrate as N	Water	METHOD	300	LCS	2.38	0.05	95		20170919
Turbidity Lab	Water	NONE	180.1	LCS	6.02	0.1	92		20170919
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170919
Turbidity Lab	Water	NONE	180.1	DUP	0.27	0.1		4	20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170919
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170919
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170919

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170919
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2400	50	96		20170919
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12000	1000	96		20170919
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	800	100		20170919
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	1	101		20170919
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	0.02	105		20170919
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.7	1	102		20170919
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	0.16	102		20170919
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	1	103		20170919
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	1	100		20170919
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	2.5	101		20170919
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170919
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170919
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170919
Mercury, Total	Water	METHOD	1631	QCS	5.07	0.5	101		20170919
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170919
Sulfate as SO4	Water	NONE	200.7 (W)	MB	1.1	1			20170919
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170912
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170912
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170912
Total Suspended Solids	Water	NONE	2540-D	LCS	402	20	94		20170912
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170912
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170912
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20170912
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170912
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20170912
Total Suspended Solids	Water	NONE	2540-D	LCS	400	20	93		20170912
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170927
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170927
Chloride	Water	METHOD	300	MB	<1.0	1			20170927

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170927
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170927
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20170927
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170927
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170927
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170927
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20170927
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170927
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170927
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170927
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170927
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.54	0.5	93		20170927
Chloride	Water	METHOD	300	LCS	4.9	1	99		20170927
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.06	0.05	106		20170927
Color	Water	NONE	2120-B	LCS	15	5	100		20170927
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20170927
Sulfate	Water	METHOD	300	LCS	5.16	0.1	103		20170927
Turbidity Lab	Water	NONE	180.1	LCS	6.15	0.1	94		20170927
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170927
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20170927
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20170927
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20170927
Color	Water	NONE	2120-B	DUP	5	5		1	20170927
Turbidity Lab	Water	NONE	180.1	DUP	0.5	0.1		1	20170927
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170927
Total Dissolved Solids	Water	NONE	2540-C	DUP	56	10		2	20170927
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170927
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1.05	0.05	105		20170927
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.99	0.1	100		20170927
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.98	0.1	99	1	20170927
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170927
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170927
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170927
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170927
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170927
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170927

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170927
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170927
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170927
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170927
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170927
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	99		20170927
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20170927
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20170927
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.5	1	93		20170927
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	0.02	103		20170927
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20170927
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	0.16	102		20170927
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170927
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	1	104		20170927
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	1	100		20170927
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170927
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	51	50		13	20170927
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1000	1000		1	20170927
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000		0	20170927
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	21.7	1		1	20170927
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20170927
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.5	1		1	20170927
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20170927
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.6	1		1	20170927
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		76	20170927
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20170927
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20170927
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1040	50	98		20170927
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11400	1000	103		20170927
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11100	1000	111		20170927
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	117	1	95		20170927
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.3	0.02	105		20170927
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	14.2	1	102		20170927
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.9	0.16	104		20170927
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	27.7	1	104		20170927
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	1	95		20170927

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52	1	104		20170927
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.6	2.5	102		20170927
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170927
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170927
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170927
Mercury, Total	Water	METHOD	1631	QCS	5.05	0.5	101		20170927
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170927
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	6.1	1		2	20170927
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170927
Hardness, Total	Water	NONE	2340-B	DUP	32	1		3	20170927
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171002
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171002
Chloride	Water	METHOD	300	MB	<1.0	1			20171002
Conductivity	Water	NONE	2510	MB	<5.0	5			20171002
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171002
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20171002
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20171002
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171002
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171002
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171002
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20171002
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.54	0.5	93		20171002
Chloride	Water	METHOD	300	LCS	4.96	1	99		20171002
Conductivity	Water	NONE	2510	LCS	237	5	101		20171002
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20171002
Nitrite as N	Water	METHOD	300	LCS	2.44	0.05	98		20171002
pH lab	Water	NONE	4500-H-B	LCS	8.41		100		20171002
Sulfate	Water	METHOD	300	LCS	5.02	0.1	100		20171002
Turbidity Lab	Water	NONE	180.1	LCS	5.91	0.1	91		20171002
Turbidity Lab	Water	NONE	180.1	LCS	6.46	0.1	99		20171002
pH lab	Water	NONE	4500-H-B	DUP	6.9			1	20171002
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171002
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171002
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171002
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171002
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171002
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171002
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171002
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171002
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171002
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5240	10	105		20171002
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	99		20171002
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.1	2.5	102		20171002
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	0.02	103		20171002
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20171002
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	0.16	102		20171002
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171002
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	1	104		20171002
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	1	100		20171002
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171002
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171002
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	10.1	2.5	101		20171002
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.06	0.2	101		20171002
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20171002
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	9.9	2.5	99		20171002
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171002
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170915
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170915
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170915
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170915
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170915
Total Dissolved Solids	Water	NONE	2540-C	DUP	424	10		1	20170915
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170915
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20170915
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170915
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170915
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20170915
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171002

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171002
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171002
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171002
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.54	0.5	93		20171002
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20171002
Turbidity Lab	Water	NONE	180.1	LCS	5.91	0.1	91		20171002
Turbidity Lab	Water	NONE	180.1	LCS	6.46	0.1	99		20171002
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171002
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171002
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171002
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171002
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171002
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171002
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	99		20171002
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12500	1000	100		20171002
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20171002
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.5	1	93		20171002
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	0.02	103		20171002
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20171002
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	0.16	102		20171002
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171002
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	1	104		20171002
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171002
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171002
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171002
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171002
Mercury, Total	Water	METHOD	1631	QCS	4.81	0.5	96		20171002
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171002
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171002
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171002
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171002
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20171002

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171002
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171002
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.54	0.5	93		20171002
Nitrate as N	Water	METHOD	300	LCS	2.37	0.05	95		20171002
Sulfate	Water	METHOD	300	LCS	5.02	0.1	100		20171002
Turbidity Lab	Water	NONE	180.1	LCS	5.91	0.1	91		20171002
Turbidity Lab	Water	NONE	180.1	LCS	6.46	0.1	99		20171002
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171002
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171002
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171002
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171002
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171002
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171002
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2460	50	99		20171002
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.5	1	93		20171002
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	0.02	103		20171002
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20171002
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51	0.16	102		20171002
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171002
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	1	104		20171002
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.1	1	100		20171002
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171002
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171002
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	455	50		3	20171002
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.7	1		2	20171002
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171002
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171002
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20171002
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	34.8	1		1	20171002
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.8	1		53	20171002
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171002
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171002

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20171002
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1430	50	99		20171002
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	110	1	93		20171002
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	0.02	103		20171002
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.9	1	103		20171002
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.6	0.16	99		20171002
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	60.3	1	102		20171002
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	1	91		20171002
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.1	1	102		20171002
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	0.1	100		20171002
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	2.5	99		20171002
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171002
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171002
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171002
Mercury, Total	Water	METHOD	1631	MS	48.5	1	97		20171002
Mercury, Total	Water	METHOD	1631	DMS	48.3	1	96.6	1	20171002
Mercury, Total	Water	METHOD	1631	QCS	5.05	0.5	101		20171002
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171002
Hardness, Total	Water	NONE	2340-B	DUP	232	1		2	20171002
Total Recoverable Mercury	Soil	METHOD	7471-B	MB	<0.02	0.02			20171002
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	MB	<4	4			20171002
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	MB	<4	4			20171002
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20171002
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20171002
Total Chromium	Soil	EPA 3050B	6010-C	MB	0.2	0.8			20171002
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	MB	<0.4	0.4			20171002
Total Recoverable Copper	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171002
Total Recoverable Lead	Soil	EPA 3050B	6010-C	MB	<2	2			20171002
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	MB	0.04	0.2			20171002
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171002
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	MB	<4	4			20171002
Total Recoverable Silver	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171002
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	MB	<2	2			20171002
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171002
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	MB	<1.0	1			20171002
Total Recoverable Mercury	Soil	METHOD	7471-B	LCS	0.489	0.02	98		20171002

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Mercury	Soil	METHOD	7471-B	LCS	7.02	0.37	99		20171002
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	LCS	51	4	49		20171002
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	LCS	106	4	108		20171002
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	LCS	66.7	0.2	101		20171002
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	LCS	123	0.2	84		20171002
Total Chromium	Soil	EPA 3050B	6010-C	LCS	160	0.8	88		20171002
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	LCS	142	0.4	88		20171002
Total Recoverable Copper	Soil	EPA 3050B	6010-C	LCS	111	0.8	105		20171002
Total Recoverable Lead	Soil	EPA 3050B	6010-C	LCS	113	2	87		20171002
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	LCS	353	0.2	86		20171002
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	LCS	127	0.8	85		20171002
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	LCS	139	4	91		20171002
Total Recoverable Silver	Soil	EPA 3050B	6010-C	LCS	40.5	0.8	99		20171002
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	LCS	149	2	85		20171002
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	LCS	84.4	0.8	87		20171002
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	LCS	167	1	87		20171002
Total Recoverable Mercury	Soil	METHOD	7471-B	DUP	0.052	0.058		1	20171002
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	DUP	<11	11			20171002
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	DUP	3	11		50	20171002
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	DUP	1.52	0.57		9	20171002
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	DUP	0.17	0.57		138	20171002
Total Chromium	Soil	EPA 3050B	6010-C	DUP	34.8	2.3		6	20171002
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	DUP	<1.1	1.1			20171002
Total Recoverable Copper	Soil	EPA 3050B	6010-C	DUP	43.2	2.3		2	20171002
Total Recoverable Lead	Soil	EPA 3050B	6010-C	DUP	<5.7	5.7			20171002
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	DUP	14300	0.57		5	20171002
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	DUP	20.3	2.3		14	20171002
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	DUP	<11	11			20171002
Total Recoverable Silver	Soil	EPA 3050B	6010-C	DUP	<2.3	2.3			20171002
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	DUP	2.5	5.7		NC	20171002
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	DUP	15.3	2.3		9	20171002
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	DUP	93.2	2.8		4	20171002
Total Recoverable Mercury	Soil	METHOD	7471-B	MS	1.46	0.063	90		20171002
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	MS	266	14	78		20171002
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	MS	344	14	100		20171002
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	MS	35.5	0.68	101		20171002

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	MS	32.5	0.68	93		20171002
Total Chromium	Soil	EPA 3050B	6010-C	MS	166	2.7	98		20171002
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	MS	329	1.4	97		20171002
Total Recoverable Copper	Soil	EPA 3050B	6010-C	MS	220	2.7	105		20171002
Total Recoverable Lead	Soil	EPA 3050B	6010-C	MS	308	6.8	91		20171002
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	MS	14400	0.68	236		20171002
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	MS	339	2.7	95		20171002
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	MS	292	14	86		20171002
Total Recoverable Silver	Soil	EPA 3050B	6010-C	MS	31.4	2.7	92		20171002
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	MS	64.1	6.8	94		20171002
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	MS	358	2.7	101		20171002
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	MS	418	3.4	97		20171002
Total Solids	Soil	NONE	160.3_M	DUP	32.3			9	20171002
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171009
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171009
Sulfate	Water		300	MB	<0.10	0.1			20171009
Turbidity Lab	Water		180.1	MB	<0.10	0.1			20171009
Sulfate	Water		300	MB	<0.10	0.1			20171009
Turbidity Lab	Water		180.1	MB	<0.10	0.1			20171009
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	2.03	0.1	99		20171009
Nitrate as N	Water	METHOD	300	LCS	2.31	0.05	93		20171009
Sulfate	Water		300	LCS	4.89	0.1	98		20171009
Turbidity Lab	Water		180.1	LCS	5.99	0.1	92		20171009
Sulfate	Water		300	LCS	4.89	0.1	98		20171009
Turbidity Lab	Water		180.1	LCS	5.94	0.1	91		20171009
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.43	0.1		6	20171009
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.43	0.1	108		20171009
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.39	0.1	105	3	20171009
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171009
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171009
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171009
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171009
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171009
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20171009
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171009
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20171009
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171009
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171009
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171009
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171009
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20171009
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20171009
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171009
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	230	50		5	20171009
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.9	1		1	20171009
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171009
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171009
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171009
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	20.1	1		1	20171009
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		26	20171009
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171009
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171009
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171009
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1220	50	98		20171009
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	102	1	88		20171009
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.6	0.02	102		20171009
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	1	100		20171009
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.8	0.16	100		20171009
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46	1	103		20171009
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.1	1	91		20171009
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.5	1	103		20171009
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	0.1	99		20171009
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	2.5	99		20171009
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171009
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171009
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171009
Mercury, Total	Water	METHOD	1631	MS	46.2	1	92		20171009

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	DMS	46.5	1	93	1	20171009
Mercury, Total	Water	METHOD	1631	QCS	4.81	0.5	96		20171009
Hardness, Total	Water		2340-B	MB	<1	1			20171009
Hardness, Total	Water		2340-B	DUP	245	1		2	20171009
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170922
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170922
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170922
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170922
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170922
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170922
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170922
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170922
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20170922
Total Suspended Solids	Water	NONE	2540-D	LCS	416	20	97		20170922
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171004
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171004
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	2.03	0.1	99		20171004
Nitrate as N	Water	METHOD	300	LCS	2.31	0.05	93		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.99	0.1	92		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.94	0.1	91		20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171004
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171004
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20171004
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	98		20171004
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171004

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	QCS	4.81	0.5	96		20171004
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171004
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171004
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171009
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171009
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171009
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171009
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171009
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171009
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171009
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171009
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171009
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171009
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20171009
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	2.03	0.1	99		20171009
Nitrate as N	Water	METHOD	300	LCS	2.31	0.05	93		20171009
Sulfate	Water	NONE	300	LCS	4.89	0.1	98		20171009
Turbidity Lab	Water	NONE	180.1	LCS	5.99	0.1	92		20171009
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20171009
Sulfate	Water	NONE	300	LCS	4.89	0.1	98		20171009
Turbidity Lab	Water	NONE	180.1	LCS	5.94	0.1	91		20171009
Total Dissolved Solids	Water	NONE	2540-C	DUP	248	10		1	20171009
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171009
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171009
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171009
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171009
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171009
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171009
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171009
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171009
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20171009
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	98		20171009
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20171009
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171009
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20171009
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171009
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171009
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171009
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171009
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20171009
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20171009
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171009
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171009
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171009
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171009
Mercury, Total	Water	METHOD	1631	QCS	4.81	0.5	96		20171009
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171009
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171009
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171009
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171009
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171009
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171009
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171009
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171009
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171009
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171009
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171009
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171009

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20171009
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	2.03	0.1	99		20171009
Nitrate as N	Water	METHOD	300	LCS	2.31	0.05	93		20171009
Sulfate	Water	NONE	300	LCS	4.89	0.1	98		20171009
Turbidity Lab	Water	NONE	180.1	LCS	5.99	0.1	92		20171009
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20171009
Sulfate	Water	NONE	300	LCS	4.89	0.1	98		20171009
Turbidity Lab	Water	NONE	180.1	LCS	5.94	0.1	91		20171009
Total Dissolved Solids	Water	NONE	2540-C	DUP	248	10		1	20171009
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171009
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171009
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171009
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171009
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171009
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171009
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171009
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171009
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171009
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20171009
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	98		20171009
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20171009
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171009
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20171009
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171009
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171009
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171009
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171009
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20171009
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20171009
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171009
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171009
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171009

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171009
Mercury, Total	Water	METHOD	1631	QCS	4.81	0.5	96		20171009
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171009
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171009
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171004
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171004
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171004
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20171004
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171004
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171004
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20171004
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	0.5	97		20171004
Nitrate as N	Water	METHOD	300	LCS	2.28	0.05	91		20171004
Sulfate	Water	METHOD	300	LCS	4.65	0.1	93		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.87	0.1	90		20171004
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20171004
Turbidity Lab	Water	NONE	180.1	DUP	0.46	0.1		4	20171004
Total Dissolved Solids	Water	NONE	2540-C	DUP	725	10		2	20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171004

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	199	50		1	20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.1	1		1	20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.4	1		2	20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171004
Hardness, Total	Water	NONE	2340-B	DUP	246	1		1	20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	98		20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	98.8	1	88		20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	0.02	101		20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	1	96		20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49	0.16	98		20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.1	1	98		20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.9	1	92		20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50	1	100		20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	97		20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.4	2.5	94		20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	QCS	5.06	0.5	101		20171004
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171004
Hardness, Total	Water	NONE	2340-B	DUP	246	1		1	20171004
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171004
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171004
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171004
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20171004

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171004
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171004
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20171004
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	0.5	97		20171004
Nitrate as N	Water	METHOD	300	LCS	2.28	0.05	91		20171004
Sulfate	Water	METHOD	300	LCS	4.65	0.1	93		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.87	0.1	90		20171004
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20171004
Turbidity Lab	Water	NONE	180.1	DUP	0.46	0.1		4	20171004
Total Dissolved Solids	Water	NONE	2540-C	DUP	725	10		2	20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	199	50		1	20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.1	1		1	20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171004

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.4	1		2	20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	98		20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	98.8	1	88		20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	0.02	101		20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	1	96		20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49	0.16	98		20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.1	1	98		20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.9	1	92		20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50	1	100		20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	97		20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.4	2.5	94		20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	QCS	5.06	0.5	101		20171004
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171004
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171004
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171004
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171004
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171004
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171004
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20171004
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	0.5	97		20171004
Nitrate as N	Water	METHOD	300	LCS	2.28	0.05	91		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.87	0.1	90		20171004
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20171004
Turbidity Lab	Water	NONE	180.1	DUP	0.46	0.1		4	20171004

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	DUP	725	10		2	20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	199	50		1	20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.1	1		1	20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.4	1		2	20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.4	1		2	20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171004

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	98		20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	98.8	1	88		20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	0.02	101		20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	1	96		20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49	0.16	98		20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.1	1	98		20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.9	1	92		20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50	1	100		20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	97		20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.4	2.5	94		20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	QCS	5.06	0.5	101		20171004
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171004
Hardness, Total	Water	NONE	2340-B	DUP	246	1		1	20171004
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20171017
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171017
Sulfate	Water	NONE	300	DUP	219	5		1	20171017
Sulfate	Water	NONE	300	MS	429	10	105		20171017
Sulfate	Water	NONE	300	DMS	423	10	102	1	20171017
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	98		20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	98.8	1	88		20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	0.02	101		20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	1	96		20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49	0.16	98		20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.1	1	98		20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.9	1	92		20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50	1	100		20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	97		20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.4	2.5	94		20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171004
Mercury, Total	Water	METHOD	1631	QCS	5.06	0.5	101		20171004
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171004

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Hardness, Total	Water	NONE	2340-B	DUP	246	1		1	20171004
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171004
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171004
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171004
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171004
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171004
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171004
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20171004
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	0.5	97		20171004
Nitrate as N	Water	METHOD	300	LCS	2.28	0.05	91		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.87	0.1	90		20171004
Total Suspended Solids	Water	NONE	2540-D	LCS	412	20	96		20171004
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20171004
Turbidity Lab	Water	NONE	180.1	DUP	0.46	0.1		4	20171004
Total Dissolved Solids	Water	NONE	2540-C	DUP	725	10		2	20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171004
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171004
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171004
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171004
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20171004
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20171004
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171004

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	199	50		1	20171004
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.1	1		1	20171004
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171004
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171004
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171004
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171004
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171004
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	0.5	97		20171004
Nitrate as N	Water	METHOD	300	LCS	2.28	0.05	91		20171004
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171017
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171017
Chloride	Water	METHOD	300	MB	<1.0	1			20171017
Conductivity	Water	NONE	2510	MB	<5.0	5			20171017
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171017
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20171017
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20171017
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171017
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171017
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20171017
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.67	0.5	95		20171017
Chloride	Water	METHOD	300	LCS	4.6	1	92		20171017
Conductivity	Water	NONE	2510	LCS	247	5	106		20171017
Nitrate as N	Water	METHOD	300	LCS	2.28	0.05	91		20171017
Nitrite as N	Water	METHOD	300	LCS	2.34	0.05	94		20171017
pH lab	Water	NONE	4500-H-B	LCS	8.38		100		20171017
Sulfate	Water	METHOD	300	LCS	4.65	0.1	93		20171017
Turbidity Lab	Water	NONE	180.1	LCS	5.87	0.1	90		20171017
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20171017
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.03	0.1		1	20171017
Conductivity	Water	NONE	2510	DUP	963	5		1	20171017
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.93	0.1	95		20171017
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.97	0.1	97	2	20171017
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171017
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171017
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171017
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171017

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171017
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171017
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171017
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171017
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171017
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.77	0.2	95		20171017
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5140	10	103		20171017
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20171017
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	2.5	101		20171017
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20171017
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171017
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171017
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171017
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171017
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20171017
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20171017
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171017
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.7	2.5	97		20171017
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5		0	20171017
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.7	2.5	107		20171017
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171017
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170928
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170928
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170928
pH lab	Water	NONE	4500-H-B	LCS	8.38		100		20170928
Turbidity Lab	Water	NONE	180.1	LCS	5.87	0.1	90		20170928
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20170928
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20170928
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20170928
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170928
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20170928
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170928

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170928
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170928
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170928
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170928
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170928
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170928
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20170928
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170928
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.77	0.2	95		20170928
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20170928
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11	0.05	110		20170928
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	2.5	101		20170928
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	2.54	0.02	101		20170928
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20170928
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170928
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20170928
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170928
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.7	1	99		20170928
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	0.1	102		20170928
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170928
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170928
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170926
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170926
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170926
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170926
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20170926
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170926
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170926
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170926
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170926
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20170926
Total Dissolved Solids	Water	NONE	2540-C	DUP	440	10		1	20170926
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20170926
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	MB	<4	4			20171017
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	MB	<4	4			20171017
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20171017

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20171017
Total Chromium	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	MB	<0.4	0.4			20171017
Total Recoverable Copper	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Lead	Soil	EPA 3050B	6010-C	MB	<2	2			20171017
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20171017
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	MB	<4	4			20171017
Total Recoverable Silver	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	MB	<2	2			20171017
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	MB	<1.0	1			20171017
Total Recoverable Mercury	Soil	METHOD	7471-B	MB	<0.02	0.02			20171017
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	MB	<4	4			20171017
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	MB	<4	4			20171017
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20171017
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20171017
Total Chromium	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	MB	<0.4	0.4			20171017
Total Recoverable Copper	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Lead	Soil	EPA 3050B	6010-C	MB	<2	2			20171017
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	MB	<0.2	0.2			20171017
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	MB	<4	4			20171017
Total Recoverable Silver	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	MB	<2	2			20171017
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	MB	<0.8	0.8			20171017
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	MB	<1.0	1			20171017
Total Recoverable Mercury	Soil	METHOD	7471-B	MB	<0.02	0.02			20171017
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	LCS	60.1	4	57		20171017
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	LCS	101	4	103		20171017
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	LCS	63.5	0.2	96		20171017
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	LCS	143	0.2	98		20171017
Total Chromium	Soil	EPA 3050B	6010-C	LCS	179	0.8	99		20171017
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	LCS	157	0.4	97		20171017
Total Recoverable Copper	Soil	EPA 3050B	6010-C	LCS	100	0.8	95		20171017

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Soil	EPA 3050B	6010-C	LCS	124	2	96		20171017
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	LCS	401	0.2	98		20171017
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	LCS	146	0.8	98		20171017
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	LCS	143	4	93		20171017
Total Recoverable Silver	Soil	EPA 3050B	6010-C	LCS	38.4	0.8	94		20171017
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	LCS	163	2	93		20171017
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	LCS	93	0.8	96		20171017
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	LCS	186	1	98		20171017
Total Recoverable Mercury	Soil	METHOD	7471-B	LCS	6.3	0.39	89		20171017
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	LCS	53	4	50		20171017
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	LCS	102	4	103		20171017
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	LCS	63.2	0.2	96		20171017
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	LCS	134	0.2	92		20171017
Total Chromium	Soil	EPA 3050B	6010-C	LCS	169	0.8	93		20171017
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	LCS	154	0.4	95		20171017
Total Recoverable Copper	Soil	EPA 3050B	6010-C	LCS	104	0.8	98		20171017
Total Recoverable Lead	Soil	EPA 3050B	6010-C	LCS	120	2	93		20171017
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	LCS	400	0.2	97		20171017
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	LCS	137	0.8	92		20171017
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	LCS	142	4	92		20171017
Total Recoverable Silver	Soil	EPA 3050B	6010-C	LCS	38	0.8	93		20171017
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	LCS	162	2	92		20171017
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	LCS	89.7	0.8	93		20171017
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	LCS	180	1	94		20171017
Total Recoverable Mercury	Soil	METHOD	7471-B	LCS	5.94	0.4	84		20171017
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	DUP	<4.1	4.1			20171017
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	DUP	31.5	4.1		4	20171017
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	DUP	<0.21	0.21			20171017
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	DUP	1.28	0.21		10	20171017
Total Chromium	Soil	EPA 3050B	6010-C	DUP	8.69	0.83		10	20171017
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	DUP	6.98	0.41		12	20171017
Total Recoverable Copper	Soil	EPA 3050B	6010-C	DUP	96	0.83		5	20171017
Total Recoverable Lead	Soil	EPA 3050B	6010-C	DUP	10.4	2.1		7	20171017
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	DUP	672	0.21		24	20171017
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	DUP	14.1	0.83		2	20171017
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	DUP	12	4.1		17	20171017

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Soil	EPA 3050B	6010-C	DUP	<0.83	0.83			20171017
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	DUP	<2.1	2.1			20171017
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	DUP	40	0.83		2	20171017
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	DUP	149	1		4	20171017
Total Recoverable Mercury	Soil	METHOD	7471-B	DUP	0.275	0.015		24	20171017
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	DUP	<3.7	3.7			20171017
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	DUP	<3.7	3.7			20171017
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	DUP	<0.18	0.18			20171017
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	DUP	<0.18	0.18			20171017
Total Chromium	Soil	EPA 3050B	6010-C	DUP	1.79	0.73		11	20171017
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	DUP	22.7	0.37		1	20171017
Total Recoverable Copper	Soil	EPA 3050B	6010-C	DUP	146	0.73		7	20171017
Total Recoverable Lead	Soil	EPA 3050B	6010-C	DUP	<1.8	1.8			20171017
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	DUP	1070	0.18		1	20171017
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	DUP	1.7	0.73		6	20171017
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	DUP	<3.7	3.7			20171017
Total Recoverable Silver	Soil	EPA 3050B	6010-C	DUP	<0.73	0.73			20171017
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	DUP	<1.8	1.8			20171017
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	DUP	51.5	0.73		1	20171017
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	DUP	50.1	0.92		1	20171017
Total Recoverable Mercury	Soil	METHOD	7471-B	DUP	<0.019	0.019		NC	20171017
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	MS	32.8	4.6	29		20171017
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	MS	154	4.6	106		20171017
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	MS	10.9	0.23	95		20171017
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	MS	12.2	0.23	97		20171017
Total Chromium	Soil	EPA 3050B	6010-C	MS	57.1	0.91	104		20171017
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	MS	117	0.46	97		20171017
Total Recoverable Copper	Soil	EPA 3050B	6010-C	MS	163	0.91	109		20171017
Total Recoverable Lead	Soil	EPA 3050B	6010-C	MS	121	2.3	96		20171017
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	MS	719	0.23	166		20171017
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	MS	127	0.91	99		20171017
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	MS	114	4.6	88		20171017
Total Recoverable Silver	Soil	EPA 3050B	6010-C	MS	10.9	0.91	95		20171017
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	MS	22.2	2.3	97		20171017
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	MS	162	0.91	106		20171017
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	MS	272	1.1	113		20171017

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Mercury	Soil	METHOD	7471-B	MS	0.624	0.016	103		20171017
Total Recoverable Antimony	Soil	EPA 3050B	6010-C	MS	24.1	3.7	26		20171017
Total Recoverable Arsenic	Soil	EPA 3050B	6010-C	MS	88	3.7	94		20171017
Total Recoverable Beryllium	Soil	EPA 3050B	6010-C	MS	8.77	0.19	94		20171017
Total Recoverable Cadmium	Soil	EPA 3050B	6010-C	MS	8.47	0.19	91		20171017
Total Chromium	Soil	EPA 3050B	6010-C	MS	39.3	0.75	101		20171017
Total Recoverable Cobalt	Soil	EPA 3050B	6010-C	MS	113	0.37	97		20171017
Total Recoverable Copper	Soil	EPA 3050B	6010-C	MS	192	0.75	78		20171017
Total Recoverable Lead	Soil	EPA 3050B	6010-C	MS	83.7	1.9	90		20171017
Total Recoverable Manganese	Soil	EPA 3050B	6010-C	MS	1190	0.19	124		20171017
Total Recoverable Nickel	Soil	EPA 3050B	6010-C	MS	87.3	0.75	92		20171017
Total Recoverable Selenium	Soil	EPA 3050B	6010-C	MS	80.1	3.7	86		20171017
Total Recoverable Silver	Soil	EPA 3050B	6010-C	MS	7.95	0.75	85		20171017
Total Recoverable Thallium	Soil	EPA 3050B	6010-C	MS	16.2	1.9	87		20171017
Total Recoverable Vanadium	Soil	EPA 3050B	6010-C	MS	145	0.75	99		20171017
Total Recoverable Zinc	Soil	EPA 3050B	6010-C	MS	139	0.93	95		20171017
Total Recoverable Mercury	Soil	METHOD	7471-B	MS	0.491	0.019	98		20171017
Total Solids	Soil	NONE	160.3 M	DUP	89.7			3	20171017
Total Solids	Soil	NONE	160.3 M	DUP	99.9			1	20171017
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170926
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20170926
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20170926
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170926
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170926
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170926
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20170926
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170926
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	1.98	0.1	97		20170926
Nitrate as N	Water	METHOD	300	LCS	2.3	0.05	92		20170926
Turbidity Lab	Water	NONE	180.1	LCS	6.37	0.1	98		20170926
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20170926
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20170926
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20170926
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.09	0.1	104		20170926
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.07	0.1	103	1	20170926
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20170926

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170926
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20170926
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170926
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20170926
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170926
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20170926
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170926
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20170926
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20170926
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2490	50	99		20170926
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12200	1000	98		20170926
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12600	1000	101		20170926
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20170926
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	0.02	102		20170926
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20170926
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20170926
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20170926
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20170926
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20170926
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170926
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170926
Mercury, Total	Water	METHOD	1631	MB	<1	1			20170926
Mercury, Total	Water	METHOD	1631	QCS	5.06	0.5	101		20170926
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20170926
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20170926
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171010
Total Organic Carbon	Water		5310-C	MB	<0.50	0.5			20171010
Chemical Oxygen Demand	Water		5220-C	MB	<5.0	5			20171010
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20171010
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171010
Nitrite as N	Water	METHOD	300	MB	<0.050	0.05			20171010
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20171010
Phosphorus	Water	METHOD	365.3	MB	<0.010	0.01			20171010
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20171010
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.95	0.5	98		20171010
Total Organic Carbon	Water		5310-C	LCS	24.5	0.5	102		20171010

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chemical Oxygen Demand	Water		5220-C	LCS	115	5	95		20171010
Nitrate as N	Water	METHOD	300	LCS	2.3	0.05	92		20171010
Nitrite as N	Water	METHOD	300	LCS	2.38	0.05	95		20171010
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.76	0.2	97		20171010
Phosphorus	Water	METHOD	365.3	LCS	8.55	0.1	99		20171010
Chlorophyll A	Water		10200 H	LCS	4090	80	100		20171010
Chlorophyll A	Water		10200 H	LCS	400	80	98		20171010
Chlorophyll A	Water		10200 H	DLCS	4170	80	102	2	20171010
Chlorophyll A	Water		10200 H	DLCS	370	80	91	8	20171010
Total Organic Carbon	Water		5310-C	DUP	3.74	0.5		1	20171010
Chemical Oxygen Demand	Water		5220-C	DUP	10.5	5		14	20171010
Phosphorus	Water	METHOD	365.3	DUP	<0.010	0.01		NC	20171010
Total Organic Carbon	Water		5310-C	DUP	6.95	0.5		2	20171010
Total Organic Carbon	Water		5310-C	DUP	5.58	0.5		2	20171010
Total Organic Carbon	Water		5310-C	DUP	3.65	0.5		1	20171010
Total Organic Carbon	Water		5310-C	MS	31.1	0.5	109		20171010
Chemical Oxygen Demand	Water		5220-C	MS	128	13	116		20171010
Phosphorus	Water	METHOD	365.3	MS	0.526	0.01	105		20171010
Chemical Oxygen Demand	Water		5220-C	DMS	126	13	114	2	20171010
Phosphorus	Water	METHOD	365.3	DMS	0.492	0.01	98	7	20171010
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171010
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20171010
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13100	1000	105		20171010
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10600	40	106		20171010
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	28400	1000		1	20171010
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	140000	40		1	20171010
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	38200	1000	98		20171010
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	146000	40	74		20171010
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171018
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171018
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171018
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171018
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171018
Sulfate	Water	NONE	300	LCS	4.94	0.1	99		20171018
Sulfate	Water	NONE	300	LCS	4.94	0.1	99		20171018
Sulfate	Water	NONE	300	DUP	0.4	0.2		4	20171018

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	NONE	300	MS	8.57	0.4	102		20171018
Sulfate	Water	NONE	300	DMS	8.58	0.4	102	1	20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	98.1	1	98		20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	0.02	104		20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	199	1		2	20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	39	1		1	20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	293	1	90		20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	27.1	0.02	108		20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	65.1	1	105		20171018
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171019
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171019
Chloride	Water	METHOD	300	MB	<1.0	1			20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171019
Color	Water	NONE	2120-B	MB	<5.0	5			20171019
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171019
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20171019
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171019
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171019
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171019
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171019
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171019
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171019
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.95	0.5	98		20171019
Chloride	Water	METHOD	300	LCS	4.9	1	98		20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.06	0.05	106		20171019
Color	Water	NONE	2120-B	LCS	15	5	100		20171019
Nitrate as N	Water	METHOD	300	LCS	2.27	0.05	91		20171019
Sulfate	Water	METHOD	300	LCS	4.89	0.1	98		20171019
Turbidity Lab	Water	NONE	180.1	LCS	6.37	0.1	98		20171019
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20171019

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.02	0.05	102		20171019
Sulfate	Water	NONE	300	LCS	4.94	0.1	99		20171019
Turbidity Lab	Water	NONE	180.1	LCS	5.9	0.1	91		20171019
Total Suspended Solids	Water	NONE	2540-D	LCS	408	20	95		20171019
Sulfate	Water	NONE	300	LCS	4.94	0.1	99		20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20171019
Color	Water	NONE	2120-B	DUP	30	5		1	20171019
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171019
Total Suspended Solids	Water	NONE	2540-D	DUP	14	4		3	20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1.07	0.05	107		20171019
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171019
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171019
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171019
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171019
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2540	50	101		20171019
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20171019
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	0.02	104		20171019
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	102		20171019
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	0.16	103		20171019
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20171019
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171019
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	1	100		20171019
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20171019
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	77	50		5	20171019
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	42.5	1		2	20171019
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171019
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171019
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20171019
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7	1		3	20171019
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171019
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171019

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20171019
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1120	50	104		20171019
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	137	1	96		20171019
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	0.02	103		20171019
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	1	100		20171019
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.9	0.16	102		20171019
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.9	1	100		20171019
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.7	1	99		20171019
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.7	1	103		20171019
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	2.5	100		20171019
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171019
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171019
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171019
Mercury, Total	Water	METHOD	1631	QCS	4.89	0.5	98		20171019
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171019
Hardness, Total	Water	NONE	2340-B	DUP	80.3	1		2	20171019
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171019
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171019
Chloride	Water	METHOD	300	MB	<1.0	1			20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171019
Color	Water	NONE	2120-B	MB	<5.0	5			20171019
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171019
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20171019
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171019
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171019
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171019
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171019
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171019
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171019
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20171019
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.86	0.5	97		20171019
Chloride	Water	METHOD	300	LCS	4.7	1	93		20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1	0.05	100		20171019
Color	Water	NONE	2120-B	LCS	15	5	100		20171019

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	METHOD	300	LCS	2.25	0.05	90		20171019
Sulfate	Water	METHOD	300	LCS	4.76	0.1	95		20171019
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20171019
Total Suspended Solids	Water	NONE	2540-D	LCS	408	20	95		20171019
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.67	0.5	95		20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.98	0.05	98		20171019
Sulfate	Water	NONE	300	LCS	4.94	0.1	99		20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.94	0.05	94		20171019
Sulfate	Water	NONE	300	LCS	4.94	0.1	99		20171019
Sulfate	Water	NONE	300	LCS	4.86	0.1	97		20171019
Sulfate	Water	NONE	300	LCS	4.86	0.1	97		20171019
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.62	0.1		1	20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20171019
Sulfate	Water	NONE	300	DUP	75.1	5		4	20171019
Total Dissolved Solids	Water	NONE	2540-C	DUP	313	10		1	20171019
Turbidity Lab	Water	NONE	180.1	DUP	0.5	0.1		1	20171019
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.6	0.1	99		20171019
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1	0.05	100		20171019
Sulfate	Water	NONE	300	MS	277	10	99		20171019
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.74	0.1	106	7	20171019
Sulfate	Water	NONE	300	DMS	275	10	98	1	20171019
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171019
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171019
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171019
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171019
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171019
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2540	50	101		20171019
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20171019
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	0.02	104		20171019
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.8	1	102		20171019
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	0.16	103		20171019
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20171019

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171019
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	1	100		20171019
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20171019
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	162	50		3	20171019
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	45.8	1		1	20171019
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.024	0.02		12	20171019
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171019
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20171019
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.3	1		3	20171019
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171019
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171019
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20171019
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1170	50	101		20171019
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	142	1	97		20171019
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26	0.02	104		20171019
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	1	99		20171019
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.4	0.16	101		20171019
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	38.7	1	99		20171019
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	1	97		20171019
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.4	1	103		20171019
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.4	2.5	102		20171019
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171019
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171019
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171019
Mercury, Total	Water	METHOD	1631	MS	43.9	1	86		20171019
Mercury, Total	Water	METHOD	1631	DMS	44.6	1	87	2	20171019
Mercury, Total	Water	METHOD	1631	QCS	4.89	0.5	98		20171019
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171019
Hardness, Total	Water	NONE	2340-B	DUP	159	1		1	20171019
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171016
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171016
Chloride	Water	METHOD	300	MB	<1.0	1			20171016
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171016
Color	Water	NONE	2120-B	MB	<5.0	5			20171016
Nitrate as N	Water	METHOD	300	MB	<0.050	0.05			20171016
Sulfate	Water	METHOD	300	MB	<0.10	0.1			20171016

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171016
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171016
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171016
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171016
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20171016
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.67	0.5	95		20171016
Chloride	Water	METHOD	300	LCS	4.7	1	93		20171016
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1	0.05	100		20171016
Color	Water	NONE	2120-B	LCS	15	5	100		20171016
Nitrate as N	Water	METHOD	300	LCS	2.25	0.05	90		20171016
Sulfate	Water	METHOD	300	LCS	4.76	0.1	95		20171016
Turbidity Lab	Water	NONE	180.1	LCS	6.35	0.1	98		20171016
Total Suspended Solids	Water	NONE	2540-D	LCS	408	20	95		20171016
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.98	0.05	98		20171016
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.94	0.05	94		20171016
Color	Water	NONE	2120-B	DUP	90	10		1	20171016
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171016
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171016
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171016
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171016
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171016
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171016
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171016
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171016
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171016
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2540	50	102		20171016
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	98.1	1	98		20171016
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.9	0.02	104		20171016
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171016
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.6	0.16	103		20171016
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	1	101		20171016
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.9	1	100		20171016
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.4	1	101		20171016
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20171016
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171016
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171016

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171016
Mercury, Total	Water	METHOD	1631	QCS	4.89	0.5	98		20171016
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171016
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170929
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170929
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170929
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170929
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20170929
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20170929
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	99		20170929
Total Suspended Solids	Water	NONE	2540-D	LCS	422	20	98		20170929
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171026
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171026
Chloride	Water	NONE	300	MB	<1.0	1			20171026
Conductivity	Water	NONE	2510	MB	<5.0	5			20171026
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171026
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171026
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171026
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171026
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171026
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.67	0.5	95		20171026
Chloride	Water	NONE	300	LCS	4.9	1	97		20171026
Conductivity	Water	NONE	2510	LCS	242	5	104		20171026
Nitrate as N	Water	NONE	300	LCS	2.35	0.05	94		20171026
Nitrite as N	Water	NONE	300	LCS	2.45	0.05	98		20171026
pH lab	Water	NONE	4500-H-B	LCS	8.41		100		20171026
Sulfate	Water	NONE	300	LCS	5.05	0.1	101		20171026
Turbidity Lab	Water	NONE	180.1	LCS	6.34	0.1	97		20171026
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171026
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171026
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171026
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171026
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171026
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171026
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171026
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171026
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171026
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.63	0.2	113		20171026
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5100	50	102		20171026
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2710	50	108		20171026
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	2.5	102		20171026
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26	0.02	104		20171026
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171026
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	0.16	101		20171026
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20171026
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171026
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20171026
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171026
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20171026
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20171026
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171026
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171018
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171018
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171018
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171018
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171018
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.67	0.5	95		20171018
Nitrate as N	Water	NONE	300	LCS	2.35	0.05	94		20171018
Sulfate	Water	NONE	300	LCS	4.86	0.1	97		20171018
Turbidity Lab	Water	NONE	180.1	LCS	6.34	0.1	97		20171018
Sulfate	Water	NONE	300	LCS	4.86	0.1	97		20171018
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171018
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171018
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171018
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2710	50	108		20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.7	1	97		20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26	0.02	104		20171018
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171018
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	0.16	101		20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20171018
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171018
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20171018
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171018
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20171018
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	140	50		13	20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.7	1		1	20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20171018
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171018
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15.3	1		2	20171018
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171018
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171018
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171018
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20171018
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1240	50	108		20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	111	1	101		20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26	0.02	104		20171018
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.6	1	101		20171018
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.3	0.16	101		20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.6	1	104		20171018
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	1	98		20171018
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.3	1	105		20171018
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	0.1	99		20171018
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25	2.5	100		20171018
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171018
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171018
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171018

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	MS	52	1	104		20171018
Mercury, Total	Water	METHOD	1631	DMS	50.8	1	102	2	20171018
Mercury, Total	Water	METHOD	1631	QCS	5.34	0.5	107		20171018
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171018
Hardness, Total	Water	NONE	2340-B	DUP	229	1		5	20171018
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171017
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171017
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171017
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.67	0.5	95		20171017
Nitrate as N	Water	NONE	300	LCS	2.35	0.05	94		20171017
Turbidity Lab	Water	NONE	180.1	LCS	6.34	0.1	97		20171017
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171017
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171017
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171017
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171017
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171017
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171017
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2710	50	108		20171017
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	106		20171017
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20171017
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.7	1	97		20171017
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26	0.02	104		20171017
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171017
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	0.16	101		20171017
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20171017
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171017
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20171017
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171017
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171017
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171017
Mercury, Total	Water	METHOD	1631	MS	47.5	1	95		20171017
Mercury, Total	Water	METHOD	1631	DMS	46.5	1	93	2	20171017

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	QCS	4.89	0.5	98		20171017
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171017
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171017
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171026
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171026
Chloride	Water	NONE	300	MB	<1.0	1			20171026
Conductivity	Water	NONE	2510	MB	<5.0	5			20171026
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171026
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171026
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171026
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171026
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171026
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20171026
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.61	0.5	94		20171026
Chloride	Water	NONE	300	LCS	4.9	1	97		20171026
Conductivity	Water	NONE	2510	LCS	242	5	104		20171026
Nitrate as N	Water	NONE	300	LCS	2.35	0.05	94		20171026
Nitrite as N	Water	NONE	300	LCS	2.45	0.05	98		20171026
pH lab	Water	NONE	4500-H-B	LCS	8.41		100		20171026
Sulfate	Water	NONE	300	LCS	5.05	0.1	101		20171026
Turbidity Lab	Water	NONE	180.1	LCS	6.34	0.1	97		20171026
Conductivity	Water	NONE	2510	DUP	864	5		14	20171026
pH lab	Water	NONE	4500-H-B	DUP	7.88			1	20171026
Turbidity Lab	Water	NONE	180.1	DUP	104	0.5		2	20171026
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171026
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171026
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171026
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171026
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171026
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171026
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171026
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171026

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171026
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.63	0.2	113		20171026
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5100	50	102		20171026
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2710	50	108		20171026
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.8	2.5	102		20171026
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26	0.02	104		20171026
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171026
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	0.16	101		20171026
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20171026
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171026
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20171026
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171026
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20171026
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20171026
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20171026
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.6	2.5	106		20171026
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171026
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171018
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171018
Chloride	Water	NONE	300	MB	<1.0	1			20171018
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171018
Color	Water	NONE	2120-B	MB	<5.0	5			20171018
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171018
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171018
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171018
Total Suspended Solids	Water	NONE	2540-D	MB	<1.0	1			20171018
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171018
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171018
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171018
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171018
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171018
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171018
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171018
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20171018
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.61	0.5	94		20171018
Chloride	Water	NONE	300	LCS	4.9	1	97		20171018

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.03	0.05	103		20171018
Color	Water	NONE	2120-B	LCS	15	5	100		20171018
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20171018
Sulfate	Water	NONE	300	LCS	4.93	0.1	99		20171018
Turbidity Lab	Water	NONE	180.1	LCS	6.22	0.1	96		20171018
Total Suspended Solids	Water	NONE	2540-D	LCS	400	20	93		20171018
Total Dissolved Solids	Water	NONE	2540-C	LCS	1590	10	97		20171018
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.99	0.05	99		20171018
Turbidity Lab	Water	NONE	180.1	LCS	6.51	0.1	100		20171018
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1	0.05	100		20171018
Chloride	Water	NONE	300	DUP	<1.0	1		NC	20171018
Nitrate as N	Water	NONE	300	DUP	0.152	0.05		1	20171018
Sulfate	Water	NONE	300	DUP	1.27	0.1		1	20171018
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171018
Turbidity Lab	Water	NONE	180.1	DUP	1.93	0.1		7	20171018
Chloride	Water	NONE	300	MS	4	2	101		20171018
Nitrate as N	Water	NONE	300	MS	3.97	0.1	95		20171018
Sulfate	Water	NONE	300	MS	5.33	0.2	101		20171018
Chloride	Water	NONE	300	DMS	4	2	101	1	20171018
Nitrate as N	Water	NONE	300	DMS	3.99	0.1	96	1	20171018
Sulfate	Water	NONE	300	DMS	5.34	0.2	101	1	20171018
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171018
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171018
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171018
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2710	50	108		20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.7	1	97		20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26	0.02	104		20171018
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171018
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	0.16	101		20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20171018

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171018
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20171018
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20171018
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15.3	1		8	20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171018
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171018
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.9	1		5	20171018
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171018
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171018
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171018
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1130	50	113		20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	106	1	92		20171018
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.9	0.02	104		20171018
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.8	1	102		20171018
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.4	0.16	103		20171018
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	27.2	1	101		20171018
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.8	1	95		20171018
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.5	1	103		20171018
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	2.5	101		20171018
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171018
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171018
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171018
Mercury, Total	Water	METHOD	1631	QCS	4.89	0.5	98		20171018
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171018
Hardness, Total	Water	NONE	2340-B	DUP	14.1	1		1	20171018
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171106
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	1	100		20171106
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	107	1		1	20171106
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	204	1	98		20171106
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171017
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171017
Chloride	Water	NONE	300	MB	<1.0	1			20171017
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171017
Color	Water	NONE	2120-B	MB	<5.0	5			20171017

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171017
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171017
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171017
Total Residual Chlorine	Water	NONE	4500-CI G	MB	<0.050	0.05			20171017
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171017
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171017
Total Residual Chlorine	Water	NONE	4500-CI G	MB	<0.050	0.05			20171017
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171017
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.67	0.5	95		20171017
Chloride	Water	NONE	300	LCS	4.9	1	98		20171017
Total Residual Chlorine	Water	NONE	4500-CI G	LCS	1.03	0.05	103		20171017
Color	Water	NONE	2120-B	LCS	15	5	100		20171017
Nitrate as N	Water	NONE	300	LCS	2.38	0.05	95		20171017
Sulfate	Water	NONE	300	LCS	4.93	0.1	99		20171017
Turbidity Lab	Water	NONE	180.1	LCS	6.22	0.1	96		20171017
Total Suspended Solids	Water	NONE	2540-D	LCS	400	20	93		20171017
Total Residual Chlorine	Water	NONE	4500-CI G	LCS	0.99	0.05	99		20171017
Turbidity Lab	Water	NONE	180.1	LCS	6.51	0.1	100		20171017
Total Residual Chlorine	Water	NONE	4500-CI G	LCS	1	0.05	100		20171017
Total Residual Chlorine	Water	NONE	4500-CI G	DUP	<0.050	0.05		NC	20171017
Color	Water	NONE	2120-B	DUP	10	5		1	20171017
Turbidity Lab	Water	NONE	180.1	DUP	5.33	0.1		4	20171017
Total Suspended Solids	Water	NONE	2540-D	DUP	15.6	4		3	20171017
Total Residual Chlorine	Water	NONE	4500-CI G	MS	1.02	0.05	102		20171017
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171017
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171017
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171017
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171017
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171017
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2710	50	108		20171017
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.7	1	97		20171017
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26	0.02	104		20171017

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	1	100		20171017
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.5	0.16	101		20171017
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	1	102		20171017
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171017
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.7	1	101		20171017
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25	2.5	100		20171017
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171017
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171017
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171017
Mercury, Total	Water	METHOD	1631	QCS	4.89	0.5	98		20171017
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171017
Acidity, Total	Water	NONE	2310-B	MB	<2.0	2			20171031
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<5.0	5			20171031
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171031
Chloride	Water	NONE	300	MB	<1.0	1			20171031
Conductivity	Water	NONE	2510	MB	<5.0	5			20171031
Fluoride	Water	NONE	300	MB	<0.10	0.1			20171031
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171031
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171031
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171031
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	97		20171031
Acidity, Total	Water	NONE	2310-B	LCS	957	10	99		20171031
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	124	5	100		20171031
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.67	0.5	95		20171031
Chloride	Water	NONE	300	LCS	4.6	1	93		20171031
Conductivity	Water	NONE	2510	LCS	242	5	104		20171031
Fluoride	Water	NONE	300	LCS	4.8	0.1	96		20171031
Nitrate as N	Water	NONE	300	LCS	2.39	0.05	95		20171031
pH lab	Water	NONE	4500-H-B	LCS	8.4		100		20171031
Sulfate	Water	NONE	300	LCS	4.92	0.1	98		20171031
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	153	5		1	20171031
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20171031
Conductivity	Water	NONE	2510	DUP	70.5	5		5	20171031
Acidity, Total	Water	NONE	2310-B	DUP	371	2		1	20171031
pH lab	Water	NONE	4500-H-B	DUP	2.75			1	20171031
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	<5.0	5		NC	20171031

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.01	0.1	100		20171031
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.93	0.1	97	3	20171031
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171031
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<30	30			20171031
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171031
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171031
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20171031
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171031
Total Recoverable Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20171031
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171031
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<200	200			20171031
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171031
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1.0	1			20171031
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20171031
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<2.0	2			20171031
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20171031
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171031
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20171031
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171031
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171031
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171031
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171031
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171031
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171031
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171031
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20171031
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171031
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171031
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171031
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171031
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171031
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.20	0.2			20171031
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171031
Total Recoverable Zirconium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.20	0.2			20171031
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171031
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5160	10	103		20171031

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	507	30	101		20171031
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20171031
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2500	50	100		20171031
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11000	20	110		20171031
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13100	1000	104		20171031
Total Recoverable Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10400	40	104		20171031
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13400	1000	107		20171031
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13300	1000	106		20171031
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10100	1	101		20171031
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9770	20	98		20171031
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10200	2	102		20171031
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10100	200	101		20171031
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.5	0.05	105		20171031
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	2.5	100		20171031
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	100	0.05	100		20171031
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	2.61	0.02	105		20171031
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	0.02	100		20171031
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.1	2.5	101		20171031
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20171031
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.6	1	101		20171031
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.3	0.16	101		20171031
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	101		20171031
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	20.4	0.05	102		20171031
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.2	1	101		20171031
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.2	1	100		20171031
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	0.1	97		20171031
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.8	0.02	100		20171031
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	20.4	0.02	102		20171031
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.6	0.2	102		20171031
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	2.5	100		20171031
Total Recoverable Zirconium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	19.7	0.2	99		20171031
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.46	0.2	109		20171031
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	15	10		7	20171031
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<30	30			20171031
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	12500	1000		1	20171031
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20171031

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<20	20			20171031
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000			20171031
Total Recoverable Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<40	40			20171031
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000			20171031
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	950	200		3	20171031
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<1000	1000			20171031
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	110	1		2	20171031
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<20	20			20171031
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<2.0	2			20171031
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.289	0.05		7	20171031
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171031
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.41	0.05		3	20171031
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171031
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.027	0.02		11	20171031
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171031
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.03	0.02		NC	20171031
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171031
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171031
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171031
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.317	0.05		5	20171031
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171031
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171031
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171031
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171031
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.052	0.02		2	20171031
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.26	0.2		4	20171031
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.1	2.5		4	20171031
Total Recoverable Zirconium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.20	0.2			20171031
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2		NC	20171031
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1890	10	94		20171031
Total Recoverable Boron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	520	30	104		20171031
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	22500	1000	99		20171031
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1020	50	102		20171031
Total Recoverable Lithium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11500	20	115		20171031
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11000	1000	110		20171031
Total Recoverable Phosphorus	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10500	40	105		20171031

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11400	1000	114		20171031
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11400	1000	114		20171031
Total Recoverable Strontium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10200	1	101		20171031
Total Recoverable Tin	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	9860	20	99		20171031
Total Recoverable Titanium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	10300	2	103		20171031
Total Recoverable Silicon	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11200	200	102		20171031
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.9	0.05	106		20171031
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	54.3	2.5	109		20171031
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	112	0.05	103		20171031
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	2.67	0.02	107		20171031
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.4	0.02	102		20171031
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.2	2.5	102		20171031
Total Recoverable Cobalt	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.6	0.02	102		20171031
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	13.2	1	105		20171031
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.2	0.16	102		20171031
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.4	1	105		20171031
Total Recoverable Molybdenum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	20	0.05	99		20171031
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.9	1	100		20171031
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.3	1	103		20171031
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.3	0.1	98		20171031
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.8	0.02	102		20171031
Total Recoverable Uranium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	20.1	0.02	100		20171031
Total Recoverable Vanadium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.7	0.2	106		20171031
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.1	2.5	103		20171031
Total Recoverable Zirconium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	19.2	0.2	96		20171031
Total Recoverable Mercury	Water	METHOD	7470-A	MS	5.35	0.2	107		20171031
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171031
Hardness, Total	Water	NONE	2340-B	DUP	31.8	1		1	20171031
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171012
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171012
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171012
Total Suspended Solids	Water	NONE	2540-D	LCS	390	20	91		20171012
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171012
Total Suspended Solids	Water	NONE	2540-D	LCS	390	20	91		20171012
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171016
Nitrate as N	Water		300	MB	<0.050	0.05			20171016

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.61	0.5	94		20171016
Nitrate as N	Water		300	LCS	2.31	0.05	92		20171016
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171026
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171026
Chloride	Water	NONE	300	MB	<1.0	1			20171026
Conductivity	Water	NONE	2510	MB	<5.0	5			20171026
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171026
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171026
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171026
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171026
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171026
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171026
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20171026
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.61	0.5	94		20171026
Chloride	Water	NONE	300	LCS	4.85	1	97		20171026
Conductivity	Water	NONE	2510	LCS	244	5	104		20171026
Nitrate as N	Water	NONE	300	LCS	2.31	0.05	92		20171026
Nitrite as N	Water	NONE	300	LCS	2.47	0.05	99		20171026
pH lab	Water	NONE	4500-H-B	LCS	8.39		100		20171026
Sulfate	Water	NONE	300	LCS	5.36	0.1	107		20171026
Turbidity Lab	Water	NONE	180.1	LCS	6.01	0.1	92		20171026
Nitrite as N	Water	NONE	300	LCS	2.41	0.05	96		20171026
Total Dissolved Solids	Water	NONE	2540-C	DUP	537	10		2	20171026
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	0.34	0.1		2	20171026
Conductivity	Water	NONE	2510	DUP	771	5		1	20171026
pH lab	Water	NONE	4500-H-B	DUP	7.27			1	20171026
Turbidity Lab	Water	NONE	180.1	DUP	114	0.5		1	20171026
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.36	0.1	101		20171026
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.34	0.1	100	1	20171026
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171026
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171026
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171026
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171026
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171026
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171026

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171026
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171026
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171026
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.46	0.2	109		20171026
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	4850	10	97		20171026
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171026
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.5	2.5	103		20171026
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.02	106		20171026
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	96		20171026
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	0.16	103		20171026
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	101		20171026
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20171026
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	1	103		20171026
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171026
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	2.5	102		20171026
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.4	2.5	94		20171026
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171026
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171012
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171012
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171012
Total Suspended Solids	Water	NONE	2540-D	LCS	390	20	91		20171012
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171012
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171012
Total Suspended Solids	Water	NONE	2540-D	LCS	390	20	91		20171012
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171025
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171025
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171025
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171025
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171025
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171025
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171025
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20171025
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.61	0.5	94		20171025

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	NONE	300	LCS	2.31	0.05	92		20171025
Turbidity Lab	Water	NONE	180.1	LCS	6.01	0.1	92		20171025
Total Suspended Solids	Water	NONE	2540-D	LCS	404	20	94		20171025
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171025
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171025
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171025
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171025
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171025
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171025
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171025
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171025
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171025
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171025
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171025
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11700	1000	93		20171025
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12000	1000	96		20171025
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.3	1	93		20171025
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.02	106		20171025
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	96		20171025
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	0.16	103		20171025
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	101		20171025
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20171025
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	2.5	102		20171025
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171025
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171025
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171025
Mercury, Total	Water	METHOD	1631	MS	47	1	94		20171025
Mercury, Total	Water	METHOD	1631	DMS	49.3	1	99	5	20171025
Mercury, Total	Water	METHOD	1631	QCS	5.11	0.5	102		20171025
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171025
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171025
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171102
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171102
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1100	50	100		20171102
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	105	1	98		20171102
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26.2	0.02	105		20171102

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	1	97		20171102
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.8	0.16	100		20171102
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	38.7	1	101		20171102
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.9	1	95		20171102
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.7	1	105		20171102
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171102
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171102
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171102
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171102
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171102
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171102
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171102
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171102
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171102
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20171102
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.61	0.5	94		20171102
Nitrate as N	Water	NONE	300	LCS	2.31	0.05	92		20171102
Sulfate	Water	NONE	300	LCS	5.36	0.1	107		20171102
Turbidity Lab	Water	NONE	180.1	LCS	6.01	0.1	92		20171102
Total Suspended Solids	Water	NONE	2540-D	LCS	404	20	94		20171102
Sulfate	Water	NONE	300	LCS	4.96	0.1	99		20171102
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	2.43	0.1		1	20171102
Ammonia as N	Water	METHOD	4500-NH3 G	MS	4.49	0.1	101		20171102
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	4.48	0.1	100	1	20171102
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171102
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171102
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171102
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171102
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171102
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171102
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171102
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171102
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171102
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171102
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171102
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.3	1	93		20171102

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.5	0.02	106		20171102
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	96		20171102
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	0.16	103		20171102
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	1	101		20171102
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	1	95		20171102
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.3	1	103		20171102
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171102
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.5	2.5	102		20171102
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	89	50		14	20171102
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.7	1		4	20171102
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171102
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171102
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171102
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	13.8	1		2	20171102
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171102
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171102
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	98		20171102
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	2.5	100		20171102
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171102
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171102
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171102
Mercury, Total	Water	METHOD	1631	MS	46.3	1	93		20171102
Mercury, Total	Water	METHOD	1631	DMS	46.5	1	93	1	20171102
Mercury, Total	Water	METHOD	1631	QCS	4.85	0.5	97		20171102
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171102
Hardness, Total	Water	NONE	2340-B	DUP	247	1		1	20171102
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171104
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20171104
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171104
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20171104
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171104
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171104
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20171104
Phosphorus	Water	METHOD	365.3	MB	<0.010	0.01			20171104
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20171104
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171104

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20171104
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20171104
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171104
Chlorophyll A	Water	NONE	10200 H	LCS	4030	80	100		20171104
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20171104
Total Organic Carbon	Water	NONE	5310-C	LCS	24.3	0.5	101		20171104
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	118	5	97		20171104
Nitrate as N	Water	NONE	300	LCS	2.29	0.05	92		20171104
Nitrite as N	Water	NONE	300	LCS	2.39	0.05	95		20171104
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.68	0.2	94		20171104
Phosphorus	Water	METHOD	365.3	LCS	8.67	0.1	101		20171104
Total Organic Carbon	Water	NONE	5310-C	LCS	25.6	0.5	107		20171104
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	118	5	97		20171104
Total Organic Carbon	Water	NONE	5310-C	LCS	25.8	0.5	107		20171104
Chlorophyll A	Water	NONE	10200 H	DLCS	3900	80	97	3	20171104
Total Organic Carbon	Water	NONE	5310-C	DUP	5.1	0.5		1	20171104
Total Organic Carbon	Water	NONE	5310-C	DUP	6.96	0.5		2	20171104
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.33	0.1		1	20171104
Phosphorus	Water	METHOD	365.3	DUP	<0.010	0.01			20171104
Total Organic Carbon	Water	NONE	5310-C	DUP	2.78	0.5		1	20171104
Total Organic Carbon	Water	NONE	5310-C	DUP	3.78	0.5		1	20171104
Total Organic Carbon	Water	NONE	5310-C	MS	31.8	0.5	106		20171104
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.29	0.1	97		20171104
Phosphorus	Water	METHOD	365.3	MS	0.524	0.01	105		20171104
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.27	0.1	96	1	20171104
Phosphorus	Water	METHOD	365.3	DMS	0.521	0.01	104	1	20171104
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171104
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20171104
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	11800	1000	95		20171104
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	9920	40	99		20171104
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	6800	1000		8	20171104
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	31700	40		5	20171104
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	16600	1000	102		20171104
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	41000	40	109		20171104
Total Dissolved Solids	Water	NONE	2540-C	MB	2	2			20171013
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171013

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171013
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171013
Total Suspended Solids	Water	NONE	2540-D	LCS	390	20	91		20171013
Total Dissolved Solids	Water	NONE	2540-C	MB	2	2			20171013
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171013
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171013
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171013
Total Suspended Solids	Water	NONE	2540-D	LCS	390	20	91		20171013
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171025
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171025
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171025
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20171025
Nitrate as N	Water	NONE	300	LCS	2.3	0.05	92		20171025
Turbidity Lab	Water	NONE	180.1	LCS	6.84	0.1	105		20171025
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171025
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171025
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171025
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171025
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171025
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171025
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171025
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171025
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171025
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171025
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171025
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20171025
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20171025
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.7	1	90		20171025
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20171025
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20171025
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.8	0.16	94		20171025
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	1	91		20171025
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171025
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	2.5	91		20171025
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171025
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171025

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171025
Mercury, Total	Water	METHOD	1631	QCS	4.85	0.5	97		20171025
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171025
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171025
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171113
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171113
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171113
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171113
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20171113
Nitrate as N	Water	NONE	300	LCS	2.3	0.05	92		20171113
Sulfate	Water	NONE	300	LCS	5.06	0.1	101		20171113
Turbidity Lab	Water	NONE	180.1	LCS	6.84	0.1	105		20171113
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171113
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171113
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171113
Mercury, Total	Water	METHOD	1631	QCS	4.9	0.5	98		20171113
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171113
Hardness, Total	Water	NONE	2340-B	DUP	228	1		1	20171113
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171113
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	74.6	1		3	20171113
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171113
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	77.4	1		2	20171113
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171117
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171117
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171117
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171117
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171117
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171117
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171117
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171117
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171117
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171117
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171117
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171117
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171117
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20171117

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20171117
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.7	1	90		20171117
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20171117
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20171117
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.8	0.16	94		20171117
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	1	91		20171117
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171117
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	1	94		20171117
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	93		20171117
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	2.5	91		20171117
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	125	50		13	20171117
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4900	1000		2	20171117
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	26500	1000		3	20171117
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.5	1		14	20171117
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20171117
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20171117
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		0	20171117
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.3	1		2	20171117
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20171117
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		0	20171117
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1		0	20171117
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		0	20171117
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1090	50	98		20171117
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14800	1000	100		20171117
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	36400	1000	108		20171117
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	103	1	94		20171117
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24	0.02	96		20171117
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	1	95		20171117
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.8	0.16	94		20171117
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	40	1	93		20171117
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.9	1	96		20171117
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.1	1	98		20171117
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.7	0.1	93		20171117
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.3	2.5	93		20171117
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171113
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171113

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171113
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171113
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20171113
Nitrate as N	Water	NONE	300	LCS	2.3	0.05	92		20171113
Sulfate	Water	NONE	300	LCS	5.06	0.1	101		20171113
Turbidity Lab	Water	NONE	180.1	LCS	6.84	0.1	105		20171113
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171113
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171113
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171113
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171113
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171113
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171113
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171113
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171113
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171113
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171113
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171113
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20171113
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20171113
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.7	1	90		20171113
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20171113
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20171113
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.8	0.16	94		20171113
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	1	91		20171113
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171113
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	2.5	91		20171113
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	125	50		13	20171113
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	4900	1000		2	20171113
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	26500	1000		3	20171113
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.5	1		14	20171113
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20171113
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171113
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20171113
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	16.3	1		2	20171113
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171113
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20171113

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1090	50	98		20171113
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	14800	1000	100		20171113
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	36400	1000	108		20171113
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	103	1	94		20171113
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24	0.02	96		20171113
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	1	95		20171113
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.8	0.16	94		20171113
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	40	1	93		20171113
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.9	1	96		20171113
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.3	2.5	93		20171113
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171113
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171113
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171113
Mercury, Total	Water	METHOD	1631	QCS	4.9	0.5	98		20171113
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171113
Hardness, Total	Water	NONE	2340-B	DUP	228	1		1	20171113
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171113
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	74.6	1		3	20171113
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171113
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	77.4	1		2	20171113
Total Dissolved Solids	Water	NONE	2540-C	MB	2	2			20171026
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171026
Chloride	Water	NONE	300	MB	<1.0	1			20171026
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171026
Color	Water	NONE	2120-B	MB	<5.0	5			20171026
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171026
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171026
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171026
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171026
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171026
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171026
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171026
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171026
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20171026
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.2	0.5	100		20171026
Chloride	Water	NONE	300	LCS	4.87	1	97		20171026

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1	0.05	100		20171026
Color	Water	NONE	2120-B	LCS	15	5	100		20171026
Nitrate as N	Water	NONE	300	LCS	2.32	0.05	93		20171026
Sulfate	Water	NONE	300	LCS	5.12	0.1	102		20171026
Turbidity Lab	Water	NONE	180.1	LCS	6.58	0.1	101		20171026
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20171026
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.95	0.05	95		20171026
Sulfate	Water	NONE	300	LCS	4.94	0.1	99		20171026
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20171026
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20171026
Turbidity Lab	Water	NONE	180.1	DUP	0.32	0.1		5	20171026
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171026
Color	Water	NONE	2120-B	DUP	10	5		1	20171026
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.93	0.1	97		20171026
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	0.99	0.05	99		20171026
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.92	0.1	96	1	20171026
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171026
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171026
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171026
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171026
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171026
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171026
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171026
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171026
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20171026
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20171026
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.7	1	90		20171026
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20171026
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20171026
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.8	0.16	94		20171026
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	1	91		20171026
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171026

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	1	94		20171026
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	2.5	91		20171026
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171026
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171026
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171026
Mercury, Total	Water	METHOD	1631	QCS	5.05	0.5	101		20171026
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171026
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171026
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171027
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171027
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171027
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.8	0.5	106		20171027
Nitrate as N	Water	NONE	300	LCS	2.33	0.05	93		20171027
Turbidity Lab	Water	NONE	180.1	LCS	6.72	0.1	103		20171027
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.74	0.1		1	20171027
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.85	0.1	105		20171027
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.7	0.1	98	7	20171027
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171027
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171027
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171027
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171027
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171027
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171027
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171027
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20171027
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20171027
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.7	1	90		20171027
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20171027
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20171027
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.8	0.16	94		20171027
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	1	91		20171027
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171027

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	2.5	91		20171027
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171027
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171027
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171027
Mercury, Total	Water	METHOD	1631	MS	45.4	1	91		20171027
Mercury, Total	Water	METHOD	1631	DMS	46.2	1	92	2	20171027
Mercury, Total	Water	METHOD	1631	QCS	5.05	0.5	101		20171027
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171027
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171027
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171027
Chloride	Water	NONE	300	MB	<1.0	1			20171027
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171027
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171027
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171027
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.8	0.5	106		20171027
Chloride	Water	NONE	300	LCS	4.9	1	98		20171027
Nitrate as N	Water	NONE	300	LCS	2.33	0.05	93		20171027
Sulfate	Water	NONE	300	LCS	4.94	0.1	99		20171027
Turbidity Lab	Water	NONE	180.1	LCS	6.72	0.1	103		20171027
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171027
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20171027
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171027
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171027
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171027
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171027
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171027
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.7	1	90		20171027
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.5	0.05	94		20171027
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20171027
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20171027
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.8	0.16	94		20171027

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	1	91		20171027
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171027
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	1	94		20171027
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	93		20171027
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	2.5	91		20171027
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	160	50		4	20171027
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.4	1		8	20171027
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	46.4	0.05		1	20171027
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		NC	20171027
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171027
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171027
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.9	1		1	20171027
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171027
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171027
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171027
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20171027
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1180	50	102		20171027
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	100	1	90		20171027
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	140	0.05	93		20171027
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.6	0.02	94		20171027
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.5	1	92		20171027
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.6	0.16	93		20171027
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	37.1	1	88		20171027
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.7	1	91		20171027
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.2	1	98		20171027
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.4	0.1	91		20171027
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.5	2.5	90		20171027
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171027
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171027
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171027
Mercury, Total	Water	METHOD	1631	MS	47.6	1	95		20171027
Mercury, Total	Water	METHOD	1631	DMS	47.3	1	95	1	20171027
Mercury, Total	Water	METHOD	1631	QCS	4.6	0.5	92		20171027
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171027
Hardness, Total	Water	NONE	2340-B	DUP	235	1		1	20171027
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171018

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171018
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171018
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20171018
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20171018
Total Dissolved Solids	Water	NONE	2540-C	DUP	434	10		1	20171018
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171018
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171018
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171018
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171018
Total Dissolved Solids	Water	NONE	2540-C	LCS	1600	10	98		20171018
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20171018
Total Dissolved Solids	Water	NONE	2540-C	DUP	245	10		1	20171018
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171027
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171027
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171027
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171027
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171027
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171027
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171027
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.8	1	96		20171027
Nitrate as N	Water	NONE	300	LCS	2.33	0.05	93		20171027
Sulfate	Water	NONE	300	LCS	4.94	0.1	99		20171027
Turbidity Lab	Water	NONE	180.1	LCS	6.72	0.1	103		20171027
Total Suspended Solids	Water	NONE	2540-D	LCS	400	20	93		20171027
Total Dissolved Solids	Water	NONE	2540-C	DUP	449	10		1	20171027
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171027
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171027
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171027
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171027
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171027
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171027
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171027

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171027
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171027
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171027
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20171027
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12300	1000	98		20171027
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	89.7	1	90		20171027
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24	0.02	96		20171027
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.5	1	92		20171027
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.8	0.16	94		20171027
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	1	91		20171027
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171027
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	1	94		20171027
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	93		20171027
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	2.5	91		20171027
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171027
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171027
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171027
Mercury, Total	Water	METHOD	1631	QCS	5.05	0.5	101		20171027
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171027
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171027
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171101
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171101
Chloride	Water	NONE	300	MB	<1.0	1			20171101
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171101
Color	Water	NONE	2120-B	MB	<5.0	5			20171101
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171101
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171101
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171101
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171101
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171101
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171101
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171101
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20171101
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.8	1	96		20171101
Chloride	Water	NONE	300	LCS	4.9	1	98		20171101
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.01	0.05	101		20171101

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Color	Water	NONE	2120-B	LCS	15	5	100		20171101
Nitrate as N	Water	NONE	300	LCS	2.28	0.05	91		20171101
Sulfate	Water	NONE	300	LCS	4.92	0.1	98		20171101
Turbidity Lab	Water	NONE	180.1	LCS	6.4	0.1	98		20171101
Total Suspended Solids	Water	NONE	2540-D	LCS	408	20	95		20171101
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.88	0.05	88		20171101
Sulfate	Water	NONE	300	LCS	4.89	0.1	98		20171101
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20171101
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20171101
Sulfate	Water	NONE	300	DUP	2.99	0.2		2	20171101
Turbidity Lab	Water	NONE	180.1	DUP	0.62	0.1		17	20171101
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171101
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.02	0.1	102		20171101
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	0.93	0.05	93		20171101
Sulfate	Water	NONE	300	MS	11	0.4	101		20171101
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1	0.1	100	2	20171101
Sulfate	Water	NONE	300	DMS	10.7	0.4	97	3	20171101
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171101
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171101
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171101
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171101
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171101
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171101
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171101
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171101
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171101
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2550	50	102		20171101
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	106	1	106		20171101
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.3	0.02	101		20171101
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.2	1	97		20171101
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.9	0.16	100		20171101
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	26.2	1	105		20171101
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.7	1	95		20171101
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	51.2	1	102		20171101
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.1	2.5	100		20171101
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	73	50		1	20171101

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	45.8	1		1	20171101
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171101
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171101
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20171101
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.7	1		3	20171101
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171101
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171101
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20171101
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1150	50	108		20171101
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	150	1	105		20171101
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.5	0.02	102		20171101
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	1	99		20171101
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.1	0.16	100		20171101
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	32.3	1	106		20171101
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	1	97		20171101
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.1	1	104		20171101
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.3	2.5	101		20171101
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171101
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171101
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171101
Mercury, Total	Water	METHOD	1631	QCS	4.6	0.5	92		20171101
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171101
Hardness, Total	Water	NONE	2340-B	DUP	78.9	1		2	20171101
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171026
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171026
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20171026
Total Suspended Solids	Water	NONE	2540-D	LCS	408	20	95		20171026
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171026
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171026
Total Dissolved Solids	Water	NONE	2540-C	LCS	1640	10	100		20171026
Total Suspended Solids	Water	NONE	2540-D	LCS	408	20	95		20171026
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171030
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171030
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.8	1	96		20171030
Nitrate as N	Water	NONE	300	LCS	2.31	0.05	92		20171030
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171121

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171121
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171121
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171121
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171121
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171121
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20171121
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	1	97		20171121
Nitrate as N	Water	NONE	300	LCS	2.3	0.05	92		20171121
Sulfate	Water	NONE	300	LCS	4.81	0.1	96		20171121
Turbidity Lab	Water	NONE	180.1	LCS	6.14	0.1	94		20171121
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20171121
Turbidity Lab	Water	NONE	180.1	DUP	0.38	0.1		2	20171121
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171121
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171121
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171121
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171121
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171121
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20171121
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93	1	93		20171121
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	0.02	102		20171121
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20171121
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.3	0.16	101		20171121
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20171121
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20171121
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	1	100		20171121
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	98		20171121
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20171121
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	113	50		3	20171121
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7.5	1		8	20171121
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171121
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171121

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171121
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.2	1		1	20171121
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171121
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171121
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171121
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171121
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1120	50	100		20171121
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	108	1	101		20171121
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	0.02	100		20171121
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.1	1	97		20171121
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.3	0.16	99		20171121
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	38.2	1	97		20171121
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24	1	96		20171121
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.6	1	101		20171121
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.1	0.1	97		20171121
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	2.5	97		20171121
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171121
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171121
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171121
Mercury, Total	Water	METHOD	1631	MS	48.8	1	98		20171121
Mercury, Total	Water	METHOD	1631	DMS	48.3	1	97	1	20171121
Mercury, Total	Water	METHOD	1631	QCS	5.57	0.5	111		20171121
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171121
Hardness, Total	Water	NONE	2340-B	DUP	255	1		1	20171121
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171121
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171121
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171121
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171121
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171121
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20171121
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	1	97		20171121
Nitrate as N	Water	NONE	300	LCS	2.3	0.05	92		20171121
Turbidity Lab	Water	NONE	180.1	LCS	6.14	0.1	94		20171121
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20171121
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171121
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171121

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171121
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171121
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171121
Total Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171121
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171121
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171121
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171121
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20171121
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13800	1000	111		20171121
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	14200	1000	113		20171121
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93	1	93		20171121
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	2.5	100		20171121
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	0.02	102		20171121
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.8	2.5	98		20171121
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20171121
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.3	0.16	101		20171121
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20171121
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20171121
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	1	100		20171121
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	98		20171121
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20171121
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.7	2.5	97		20171121
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171121
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171121
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171121
Mercury, Total	Water	METHOD	1631	MS	49.3	1	99		20171121
Mercury, Total	Water	METHOD	1631	DMS	48.9	1	98	1	20171121
Mercury, Total	Water	METHOD	1631	QCS	5.13	0.5	103		20171121
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171121
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171121
Nitrite as N	Water	NONE	300	LCS	2.41	0.05	96		20171116

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
pH lab	Water	NONE	4500-H-B	LCS	8.39		100		20171116
Sulfate	Water	NONE	300	LCS	4.87	0.1	97		20171116
Turbidity Lab	Water	NONE	180.1	LCS	6.47	0.1	99		20171116
Total Dissolved Solids	Water	NONE	2540-C	DUP	549	10		2	20171116
pH lab	Water	NONE	4500-H-B	DUP	7.74			1	20171116
Turbidity Lab	Water	NONE	180.1	DUP	1.57	0.1		7	20171116
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171116
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171116
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171116
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171116
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171116
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171116
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171116
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171116
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171116
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171116
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171116
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171116
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171116
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5630	10	113		20171116
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20171116
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	2.5	100		20171116
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	0.02	102		20171116
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20171116
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.3	0.16	101		20171116
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20171116
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20171116
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	1	100		20171116
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	98		20171116
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20171116
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.7	2.5	97		20171116
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.56	0.2	111		20171116
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	62	10		10	20171116
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	579	50		2	20171116
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171116
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171116

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chloride	Water	NONE	300	MB	<1.0	1			20171116
Conductivity	Water	NONE	2510	MB	<5.0	5			20171116
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171116
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171116
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171116
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171116
Conductivity	Water	NONE	2510	MB	<5.0	5			20171116
Total Dissolved Solids	Water	NONE	2540-C	LCS	1630	10	100		20171116
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.9	1	97		20171116
Chloride	Water	NONE	300	LCS	4.7	1	95		20171116
Conductivity	Water	NONE	2510	LCS	237	5	101		20171116
Nitrate as N	Water	NONE	300	LCS	2.31	0.05	92		20171116
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171116
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.894	0.02		1	20171116
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.6	1		1	20171116
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171116
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	277	1		1	20171116
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	7	1		1	20171116
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.9	1		15	20171116
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171116
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	82.5	2.5		1	20171116
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20171116
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	2260	10	110		20171116
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1630	50	107		20171116
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.4	2.5	103		20171116
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26	0.02	101		20171116
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.9	1	91		20171116
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.2	0.16	100		20171116
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	293	1	56		20171116
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	30.1	1	92		20171116
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	52.4	1	100		20171116
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.2	0.1	98		20171116
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	105	2.5	87		20171116
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	10.5	2.5	105		20171116
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171116
Hardness, Total	Water	NONE	2340-B	DUP	390	1		2	20171116

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Aqueou	NONE	2540-C	MB	<10	10			20171121
Ammonia as N	Aqueou	METHOD	4500-NH3 G	MB	<0.050	0.05			20171121
Nitrate as N	Aqueou	NONE	300	MB	<0.050	0.05			20171121
Sulfate	Aqueou	NONE	300	MB	<0.10	0.1			20171121
Total Dissolved Solids	Aqueou	NONE	2540-C	MB	<2.0	2			20171121
Ammonia as N	Aqueou	METHOD	4500-NH3 G	MB	<0.050	0.05			20171121
Nitrate as N	Aqueou	NONE	300	MB	<0.050	0.05			20171121
Sulfate	Aqueou	NONE	300	MB	3.15	0.1			20171121
Total Dissolved Solids	Aqueou	NONE	2540-C	LCS	1620	10	99		20171121
Ammonia as N	Aqueou	METHOD	4500-NH3 G	LCS	9.62	0.25	94		20171121
Nitrate as N	Aqueou	NONE	300	LCS	2.31	0.05	92		20171121
pH lab	Aqueou	NONE	4500-H-B	LCS	8.45		100		20171121
Sulfate	Aqueou	NONE	300	LCS	4.91	0.1	98		20171121
Ammonia as N	Aqueou	METHOD	4500-NH3 G	DUP	<0.050	0.05		7	20171121
Ammonia as N	Aqueou	METHOD	4500-NH3 G	MS	2.15	0.05	105		20171121
Ammonia as N	Aqueou	METHOD	4500-NH3 G	DMS	2.16	0.05	105	1	20171121
Total Recoverable Mercury	Sludge,	EPA 1312 / METHOD	7470-A	MB	<0.0010	0.001			20171121
Total Recoverable Aluminum	Sludge,	EPA 1312 / EPA 3010A	6010-C	MB	<0.020	0.02			20171121
Total Recoverable Iron	Sludge,	EPA 1312 / EPA 3010A	6010-C	MB	<0.020	0.02			20171121
Total Recoverable Manganese	Sludge,	EPA 1312 / EPA 3010A	6010-C	MB	<0.010	0.01			20171121
Total Recoverable Arsenic	Sludge,	EPA 1312 / EPA 3020A	6020	MB	<0.0020	0.002			20171121
Total Recoverable Cadmium	Sludge,	EPA 1312 / EPA 3020A	6020	MB	<0.000080	0.00008			20171121
Total Chromium	Sludge,	EPA 1312 / EPA 3020A	6020	MB	<0.00080	0.0008			20171121
Total Recoverable Copper	Sludge,	EPA 1312 / EPA 3020A	6020	MB	<0.00040	0.0004			20171121
Total Recoverable Lead	Sludge,	EPA 1312 / EPA 3020A	6020	MB	<0.000080	0.00008			20171121
Total Recoverable Nickel	Sludge,	EPA 1312 / EPA 3020A	6020	MB	<0.00080	0.0008			20171121
Total Recoverable Selenium	Sludge,	EPA 1312 / EPA 3020A	6020	MB	<0.0040	0.004			20171121
Total Recoverable Silver	Sludge,	EPA 1312 / EPA 3020A	6020	MB	<0.000080	0.00008			20171121
Total Recoverable Zinc	Sludge,	EPA 1312 / EPA 3020A	6020	MB	<0.0040	0.004			20171121
Total Recoverable Mercury	Sludge,	EPA 1312 / METHOD	7470-A	LCS	0.0048	0.001	96		20171121
Total Recoverable Aluminum	Sludge,	EPA 1312 / EPA 3010A	6010-C	LCS	9.74	0.02	97		20171121
Total Recoverable Iron	Sludge,	EPA 1312 / EPA 3010A	6010-C	LCS	5.04	0.02	101		20171121
Total Recoverable Manganese	Sludge,	EPA 1312 / EPA 3010A	6010-C	LCS	2.43	0.01	97		20171121
Total Recoverable Arsenic	Sludge,	EPA 1312 / EPA 3020A	6020	LCS	0.0971	0.002	97		20171121
Total Recoverable Cadmium	Sludge,	EPA 1312 / EPA 3020A	6020	LCS	0.0518	0.00008	104		20171121
Total Chromium	Sludge,	EPA 1312 / EPA 3020A	6020	LCS	0.0195	0.0008	97		20171121

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Sludge,	EPA 1312 / EPA 3020A	6020	LCS	0.0247	0.0004	99		20171121
Total Recoverable Lead	Sludge,	EPA 1312 / EPA 3020A	6020	LCS	0.103	0.00008	103		20171121
Total Recoverable Nickel	Sludge,	EPA 1312 / EPA 3020A	6020	LCS	0.0486	0.0008	97		20171121
Total Recoverable Selenium	Sludge,	EPA 1312 / EPA 3020A	6020	LCS	0.102	0.004	102		20171121
Total Recoverable Silver	Sludge,	EPA 1312 / EPA 3020A	6020	LCS	0.0263	0.00008	105		20171121
Total Recoverable Zinc	Sludge,	EPA 1312 / EPA 3020A	6020	LCS	0.0481	0.004	96		20171121
Total Recoverable Mercury	Sludge,	EPA 1312 / METHOD	7470-A	DUP	<0.0010	0.001			20171121
Total Recoverable Aluminum	Sludge,	EPA 1312 / EPA 3010A	6010-C	DUP	0.203	0.02		1	20171121
Total Recoverable Iron	Sludge,	EPA 1312 / EPA 3010A	6010-C	DUP	0.044	0.02		2	20171121
Total Recoverable Manganese	Sludge,	EPA 1312 / EPA 3010A	6010-C	DUP	<0.010	0.01			20171121
Total Recoverable Arsenic	Sludge,	EPA 1312 / EPA 3020A	6020	DUP	<0.010	0.01			20171121
Total Recoverable Cadmium	Sludge,	EPA 1312 / EPA 3020A	6020	DUP	<0.00040	0.0004			20171121
Total Chromium	Sludge,	EPA 1312 / EPA 3020A	6020	DUP	<0.0040	0.004			20171121
Total Recoverable Copper	Sludge,	EPA 1312 / EPA 3020A	6020	DUP	<0.0020	0.002			20171121
Total Recoverable Lead	Sludge,	EPA 1312 / EPA 3020A	6020	DUP	<0.00040	0.0004			20171121
Total Recoverable Nickel	Sludge,	EPA 1312 / EPA 3020A	6020	DUP	<0.0040	0.004			20171121
Total Recoverable Selenium	Sludge,	EPA 1312 / EPA 3020A	6020	DUP	<0.020	0.02			20171121
Total Recoverable Silver	Sludge,	EPA 1312 / EPA 3020A	6020	DUP	<0.00040	0.0004			20171121
Total Recoverable Zinc	Sludge,	EPA 1312 / EPA 3020A	6020	DUP	<0.020	0.02			20171121
Total Recoverable Mercury	Sludge,	EPA 1312 / METHOD	7470-A	MS	0.005	0.001	99		20171121
Total Recoverable Aluminum	Sludge,	EPA 1312 / EPA 3010A	6010-C	MS	9.84	0.02	96		20171121
Total Recoverable Iron	Sludge,	EPA 1312 / EPA 3010A	6010-C	MS	4.73	0.02	94		20171121
Total Recoverable Manganese	Sludge,	EPA 1312 / EPA 3010A	6010-C	MS	2.37	0.01	95		20171121
Total Recoverable Arsenic	Sludge,	EPA 1312 / EPA 3020A	6020	MS	0.511	0.01	102		20171121
Total Recoverable Cadmium	Sludge,	EPA 1312 / EPA 3020A	6020	MS	0.276	0.0004	110		20171121
Total Chromium	Sludge,	EPA 1312 / EPA 3020A	6020	MS	0.102	0.004	102		20171121
Total Recoverable Copper	Sludge,	EPA 1312 / EPA 3020A	6020	MS	0.13	0.002	104		20171121
Total Recoverable Lead	Sludge,	EPA 1312 / EPA 3020A	6020	MS	0.542	0.0004	108		20171121
Total Recoverable Nickel	Sludge,	EPA 1312 / EPA 3020A	6020	MS	0.257	0.004	103		20171121
Total Recoverable Selenium	Sludge,	EPA 1312 / EPA 3020A	6020	MS	0.527	0.02	105		20171121
Total Recoverable Silver	Sludge,	EPA 1312 / EPA 3020A	6020	MS	0.137	0.0004	110		20171121
Total Recoverable Zinc	Sludge,	EPA 1312 / EPA 3020A	6020	MS	0.262	0.02	105		20171121
Hardness, Total	Sludge,	NONE	2340-B	MB	<1	1			20171121
Hardness, Total	Sludge,	NONE	2340-B	DUP	36.4	1		1	20171121
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20180130
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20180130

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20180130
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20180130
Total Recoverable Silica	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<430	430			20180130
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20180130
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20180130
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20180130
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20180130
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20180130
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20180130
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20180130
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20180130
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2140	20	107		20180130
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	133	1	107		20180130
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20180130
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2520	50	101		20180130
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13800	1000	111		20180130
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	14200	1000	114		20180130
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	14200	1000	113		20180130
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2470	10	99		20180130
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93	1	93		20180130
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	2.5	100		20180130
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.4	0.02	102		20180130
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.8	2.5	98		20180130
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.1	1	97		20180130
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.3	0.16	101		20180130
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20180130
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	1	97		20180130
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50	1	100		20180130
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	0.1	98		20180130
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	2.5	97		20180130
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20180130

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20180130
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20180130
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<2.0	2			20180130
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20180130
Bicarbonate as CaCO3	Water	NONE	2320-B	MB	<2.0	2			20180130
Carbonate as CaCO3	Water	NONE	2320-B	MB	<2.0	2			20180130
Chloride	Water	NONE	300	MB	<1.0	1			20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20180130
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20180130
Sulfate	Water	NONE	300	MB	<0.10	0.1			20180130
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20180130
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20180130
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20180130
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20180130
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20180130
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	164	2	99		20180130
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.82	0.5	96		20180130
Chloride	Water	NONE	300	LCS	4.8	1	96		20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.95	0.05	95		20180130
Nitrate as N	Water	NONE	300	LCS	2.31	0.05	92		20180130
Sulfate	Water	NONE	300	LCS	4.81	0.1	96		20180130
Turbidity Lab	Water	NONE	180.1	LCS	6.15	0.1	94		20180130
Total Suspended Solids	Water	NONE	2540-D	LCS	408	20	95		20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.98	0.05	98		20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.04	0.05	104		20180130
Alkalinity, Total as CaCO3	Water	NONE	2320-B	DUP	83.4	2		1	20180130
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.050	0.05		NC	20180130
Bicarbonate as CaCO3	Water	NONE	2320-B	DUP	83.4	2		1	20180130
Carbonate as CaCO3	Water	NONE	2320-B	DUP	<2.0	2		NC	20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20180130
Turbidity Lab	Water	NONE	180.1	DUP	8.44	0.1		2	20180130
Ammonia as N	Water	METHOD	4500-NH3 G	MS	0.984	0.05	98		20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1.03	0.05	103		20180130
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.01	0.05	101	2	20180130

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Residual Chlorine	Water	NONE	4500-Cl G	DMS	1.02	0.05	102	1	20180130
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<20	20			20180130
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1.0	1			20180130
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171101
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171101
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171101
Total Dissolved Solids	Water	NONE	2540-C	LCS	1650	10	101		20171101
Total Suspended Solids	Water	NONE	2540-D	LCS	402	20	94		20171101
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171101
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171122
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171122
Chloride	Water	NONE	300	MB	<1.0	1			20171122
Conductivity	Water	NONE	2510	MB	<5.0	5			20171122
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171122
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171122
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171122
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171122
Total Dissolved Solids	Water	NONE	2540-C	MB	<2.0	2			20171122
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171122
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171122
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20171122
Chloride	Water	NONE	300	LCS	4.9	1	97		20171122
Conductivity	Water	NONE	2510	LCS	240	5	102		20171122
Nitrate as N	Water	NONE	300	LCS	2.32	0.05	93		20171122
Nitrite as N	Water	NONE	300	LCS	2.29	0.05	91		20171122
pH lab	Water	NONE	4500-H-B	LCS	8.46		101		20171122
Sulfate	Water	NONE	300	LCS	5.11	0.1	102		20171122
Turbidity Lab	Water	NONE	180.1	LCS	6.13	0.1	94		20171122
Sulfate	Water	NONE	300	LCS	5.12	0.1	102		20171122
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.04	0.1		1	20171122
Turbidity Lab	Water	NONE	180.1	DUP	120	0.5		3	20171122
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.09	0.1	102		20171122
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.08	0.1	101	1	20171122
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171122
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171122
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171122

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171122
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171122
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171122
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171122
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171122
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171122
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171122
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171122
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171122
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171122
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5060	10	101		20171122
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171122
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.3	2.5	101		20171122
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20171122
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20171122
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171122
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171122
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20171122
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20171122
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171122
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	2.5	97		20171122
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.7	2.5	97		20171122
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.76	0.2	95		20171122
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171122
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171115
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171115
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171115
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20171115
Nitrate as N	Water	NONE	300	LCS	2.32	0.05	93		20171115
Turbidity Lab	Water	NONE	180.1	LCS	6.13	0.1	94		20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171115
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171115
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171115
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20171115
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	2.5	97		20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	MS	49.8	1	100		20171115
Mercury, Total	Water	METHOD	1631	DMS	49	1	98	2	20171115
Mercury, Total	Water	METHOD	1631	QCS	5.29	0.5	106		20171115
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171115
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171115
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171115
Chloride	Water	NONE	300	MB	<1.0	1			20171115
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171115
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171115
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171115
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20171115
Chloride	Water	NONE	300	LCS	4.8	1	97		20171115
Nitrate as N	Water	NONE	300	LCS	2.38	0.05	95		20171115
Sulfate	Water	NONE	300	LCS	4.96	0.1	99		20171115
Turbidity Lab	Water	NONE	180.1	LCS	6.13	0.1	94		20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171115

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20171115
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	0.05	101		20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20171115
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	2.5	97		20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	134	50		1	20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.4	1		1	20171115
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	40	0.05		2	20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	17.3	1		2	20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171115
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1120	50	99		20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	109	1	103		20171115
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	145	0.05	104		20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	26	0.02	104		20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.7	1	101		20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.5	0.16	101		20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	42.3	1	98		20171115

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	1	99		20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.1	1	102		20171115
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	0.1	100		20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	2.5	98		20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	QCS	5.29	0.5	106		20171115
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171115
Hardness, Total	Water	NONE	2340-B	DUP	265	1		1	20171115
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171121
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171121
Chloride	Water	NONE	300	MB	<1.0	1			20171121
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171121
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171121
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171121
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171121
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171121
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171121
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171121
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171121
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171121
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20171121
Chloride	Water	NONE	300	LCS	4.9	1	97		20171121
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.96	0.05	96		20171121
Color	Water	NONE	2120-B	LCS	15	5	100		20171121
Nitrate as N	Water	NONE	300	LCS	2.32	0.05	93		20171121
Sulfate	Water	NONE	300	LCS	5.11	0.1	102		20171121
Turbidity Lab	Water	NONE	180.1	LCS	6.13	0.1	94		20171121
Total Suspended Solids	Water	NONE	2540-D	LCS	406	20	95		20171121
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.99	0.05	99		20171121
Sulfate	Water	NONE	300	LCS	5.12	0.1	102		20171121
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20171121
Turbidity Lab	Water	NONE	180.1	DUP	0.26	0.1		8	20171121
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171121
Chloride	Water	NONE	300	DUP	<1.0	1		NC	20171121

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	NONE	300	DUP	0.208	0.05		3	20171121
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	1.02	0.05	102		20171121
Chloride	Water	NONE	300	MS	4.2	2	105		20171121
Nitrate as N	Water	NONE	300	MS	4.1	0.1	97		20171121
Sulfate	Water	NONE	300	MS	5.63	0.2	104		20171121
Chloride	Water	NONE	300	DMS	4.2	2	105	1	20171121
Nitrate as N	Water	NONE	300	DMS	4.09	0.1	97	1	20171121
Sulfate	Water	NONE	300	DMS	5.63	0.2	104	1	20171121
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171121
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171121
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171121
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171121
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171121
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171121
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20171121
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20171121
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20171121
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171121
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171121
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20171121
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20171121
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	2.5	97		20171121
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171121
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171121
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171121
Mercury, Total	Water	METHOD	1631	MS	49.6	1	99		20171121
Mercury, Total	Water	METHOD	1631	DMS	49.3	1	99	1	20171121
Mercury, Total	Water	METHOD	1631	QCS	5.29	0.5	106		20171121
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171121
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20180130
Alkalinity, Total as CaCO3	Water	NONE	2320-B	MB	<2.0	2			20180130
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.050	0.05			20180130

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Bicarbonate as CaCO3	Water	NONE	2320-B	MB	<2.0	2			20180130
Carbonate as CaCO3	Water	NONE	2320-B	MB	<2.0	2			20180130
Chloride	Water	NONE	300	MB	<1.0	1			20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20180130
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20180130
Sulfate	Water	NONE	300	MB	<0.10	0.1			20180130
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20180130
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20180130
Sulfate	Water	NONE	300	MB	<0.10	0.1			20180130
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20180130
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20180130
Alkalinity, Total as CaCO3	Water	NONE	2320-B	LCS	164	2	99		20180130
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.25	104		20180130
Chloride	Water	NONE	300	LCS	4.9	1	97		20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.96	0.05	96		20180130
Nitrate as N	Water	NONE	300	LCS	2.32	0.05	93		20180130
Sulfate	Water	NONE	300	LCS	5.11	0.1	102		20180130
Turbidity Lab	Water	NONE	180.1	LCS	6.13	0.1	94		20180130
Total Suspended Solids	Water	NONE	2540-D	LCS	406	20	95		20180130
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.99	0.05	99		20180130
Sulfate	Water	NONE	300	LCS	5.12	0.1	102		20180130
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.050	0.05		NC	20180130
Ammonia as N	Water	METHOD	4500-NH3 G	MS	2.04	0.05	102		20180130
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	2.01	0.05	100	1	20180130
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20180130
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20180130
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20180130
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20180130
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20180130
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20180130
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20180130
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180130
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20180130
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20180130
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20180130
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20180130
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20180130
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20180130
Total Recoverable Silica	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<430	430			20180130
Total Recoverable Calcium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12400	1000	99		20180130
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20180130
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	101		20180130
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20180130
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.3	2.5	101		20180130
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20180130
Total Recoverable Chromium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	9.9	2.5	99		20180130
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20180130
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20180130
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20180130
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20180130
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20180130
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20180130
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	2.5	97		20180130
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.91	0.2	98		20180130
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	10.2	0.05	102		20180130
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	2.58	0.02	103		20180130
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	53	0.02	106		20180130
Total Recoverable Silica	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	21700	430	101		20180130
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.102	0.05		15	20180130
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20180130
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02		0	20180130
Total Recoverable Silica	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	8660	430		3	20180130
Total Recoverable Antimony	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	10.1	0.05	100		20180130
Total Recoverable Beryllium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	2.52	0.02	101		20180130
Total Recoverable Thallium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.8	0.02	100		20180130
Total Recoverable Silica	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	29500	430	96		20180130
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20180130

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20180130
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171115
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171115
Chloride	Water	NONE	300	MB	<1.0	1			20171115
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171115
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171115
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171115
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171115
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171115
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171115
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171115
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171115
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171115
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171115
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	10.6	0.5	104		20171115
Chloride	Water	NONE	300	LCS	4.9	1	97		20171115
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.96	0.05	96		20171115
Color	Water	NONE	2120-B	LCS	15	5	100		20171115
Nitrate as N	Water	NONE	300	LCS	2.32	0.05	93		20171115
Sulfate	Water	NONE	300	LCS	5.11	0.1	102		20171115
Turbidity Lab	Water	NONE	180.1	LCS	6.13	0.1	94		20171115
Total Suspended Solids	Water	NONE	2540-D	LCS	406	20	95		20171115
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.99	0.05	99		20171115
Sulfate	Water	NONE	300	LCS	5.12	0.1	102		20171115
Color	Water	NONE	2120-B	DUP	<5.0	5		NC	20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20171115

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	2.5	97		20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	QCS	5.2	0.5	104		20171115
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171115
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171115
Chloride	Water	NONE	300	MB	<1.0	1			20171115
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171115
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171115
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171115
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.72	0.5	95		20171115
Chloride	Water	NONE	300	LCS	4.7	1	95		20171115
Nitrate as N	Water	NONE	300	LCS	2.38	0.05	95		20171115
Sulfate	Water	NONE	300	LCS	4.8	0.1	96		20171115
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20171115
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.47	0.1		1	20171115
Turbidity Lab	Water	NONE	180.1	DUP	0.41	0.1		1	20171115
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.54	0.1	104		20171115
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.51	0.1	102	2	20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171115
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171115

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20171115
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	101	0.05	101		20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20171115
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	2.5	97		20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	126	50		4	20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.4	1		1	20171115
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	30.6	0.05		1	20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	15.5	1		1	20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171115
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171115
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1100	50	98		20171115
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	104	1	99		20171115
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	135	0.05	104		20171115
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.8	0.02	103		20171115
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	1	100		20171115
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.9	0.16	100		20171115
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	40.4	1	99		20171115
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	1	98		20171115
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.5	1	103		20171115
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	0.1	99		20171115
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.1	2.5	96		20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171115
Mercury, Total	Water	METHOD	1631	MS	48.8	1	98		20171115
Mercury, Total	Water	METHOD	1631	DMS	48.8	1	98	1	20171115
Mercury, Total	Water	METHOD	1631	QCS	5.2	0.5	104		20171115
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171115
Hardness, Total	Water	NONE	2340-B	DUP	261	1		2	20171115
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171116
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171116
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171116
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.72	0.5	95		20171116
Nitrate as N	Water	NONE	300	LCS	2.38	0.05	95		20171116
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20171116
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171116
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171116
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171116
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171116
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171116
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171116
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171116
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171116
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171116
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171116
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171116
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20171116
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12700	1000	102		20171116
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	97	1	97		20171116
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20171116
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20171116
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171116
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171116
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20171116
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	2.5	97		20171116
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171116
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171116
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171116
Mercury, Total	Water	METHOD	1631	QCS	5.2	0.5	104		20171116

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171116
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171116
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171113
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171113
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171113
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171113
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20171113
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171128
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171128
Chloride	Water	NONE	300	MB	<1.0	1			20171128
Conductivity	Water	NONE	2510	MB	<5.0	5			20171128
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171128
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171128
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171128
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171128
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171128
Conductivity	Water	NONE	2510	MB	<5.0	5			20171128
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	97		20171128
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.72	0.5	95		20171128
Chloride	Water	NONE	300	LCS	4.8	1	96		20171128
Conductivity	Water	NONE	2510	LCS	238	5	102		20171128
Nitrate as N	Water	NONE	300	LCS	2.33	0.05	93		20171128
Nitrite as N	Water	NONE	300	LCS	2.3	0.05	92		20171128
pH lab	Water	NONE	4500-H-B	LCS	8.43		100		20171128
Sulfate	Water	NONE	300	LCS	5.06	0.1	101		20171128
Turbidity Lab	Water	NONE	180.1	LCS	5.88	0.1	90		20171128
pH lab	Water	NONE	4500-H-B	DUP	7.42			1	20171128
Sulfate	Water	NONE	300	DUP	399	5		1	20171128
Sulfate	Water	NONE	300	MS	589	10	96		20171128
Sulfate	Water	NONE	300	DMS	583	10	93	1	20171128
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171128
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171128
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171128
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171128
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171128
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171128

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171128
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171128
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171128
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171128
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171128
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171128
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171128
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5060	10	101		20171128
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2480	50	99		20171128
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.3	2.5	101		20171128
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	25.7	0.02	103		20171128
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.4	1	99		20171128
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	50.6	0.16	101		20171128
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.7	1	99		20171128
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.4	1	98		20171128
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49.2	1	98		20171128
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.5	0.1	100		20171128
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	2.5	97		20171128
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.7	2.5	97		20171128
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	4.76	0.2	95		20171128
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171128
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171127
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171127
Chloride	Water	NONE	300	MB	<1.0	1			20171127
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171127
Color	Water	NONE	2120-B	MB	<5.0	5			20171127
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171127
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171127
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171127
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171127
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171127
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171127
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171127
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171127
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171127
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20171127

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.72	0.5	95		20171127
Chloride	Water	NONE	300	LCS	4.8	1	96		20171127
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.96	0.05	96		20171127
Color	Water	NONE	2120-B	LCS	15	5	100		20171127
Nitrate as N	Water	NONE	300	LCS	2.33	0.05	93		20171127
Sulfate	Water	NONE	300	LCS	5.18	0.1	104		20171127
Turbidity Lab	Water	NONE	180.1	LCS	6.64	0.1	102		20171127
Total Suspended Solids	Water	NONE	2540-D	LCS	406	20	95		20171127
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20171127
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.94	0.05	94		20171127
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20171127
Turbidity Lab	Water	NONE	180.1	DUP	0.45	0.1		2	20171127
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171127
Total Dissolved Solids	Water	NONE	2540-C	DUP	40	10		2	20171127
Chloride	Water	NONE	300	DUP	<1.0	1		NC	20171127
Nitrate as N	Water	NONE	300	DUP	0.251	0.05		2	20171127
Sulfate	Water	NONE	300	DUP	3.33	0.1		4	20171127
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	0.95	0.05	95		20171127
Chloride	Water	NONE	300	MS	4	2	101		20171127
Nitrate as N	Water	NONE	300	MS	3.94	0.1	92		20171127
Sulfate	Water	NONE	300	MS	7.5	0.2	101		20171127
Total Residual Chlorine	Water	NONE	4500-Cl G	DMS	0.95	0.05	95	1	20171127
Chloride	Water	NONE	300	DMS	4	2	101	1	20171127
Nitrate as N	Water	NONE	300	DMS	3.96	0.1	93	1	20171127
Sulfate	Water	NONE	300	DMS	7.5	0.2	101	1	20171127
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171127
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171127
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171127
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171127
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171127
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171127
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171127
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171127
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171127
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171127
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171127

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2600	50	104		20171127
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20171127
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	106		20171127
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	99.8	1	100		20171127
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	0.02	95		20171127
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	1	93		20171127
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.6	0.16	95		20171127
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23	1	92		20171127
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171127
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48	1	96		20171127
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	2.5	94		20171127
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	<50	50			20171127
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1500	1000		1	20171127
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	1200	1000		8	20171127
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	11.4	1		1	20171127
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171127
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171127
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16		NC	20171127
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171127
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171127
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171127
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20171127
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1060	50	106		20171127
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11700	1000	102		20171127
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	11700	1000	104		20171127
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	109	1	98		20171127
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.8	0.02	99		20171127
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.5	1	100		20171127
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.1	0.16	98		20171127
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.6	1	98		20171127
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.1	1	96		20171127
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.7	1	99		20171127
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	2.5	97		20171127
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171127
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171127
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171127

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	QCS	4.92	0.5	98		20171127
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171127
Hardness, Total	Water	NONE	2340-B	DUP	44.6	1		1	20171127
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171127
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	8.4	1		1	20171127
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171122
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171122
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171122
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20171122
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20171122
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171122
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171122
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171122
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20171122
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20171122
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Chloride	Water	NONE	300	MB	<1.0	1			20171204
Conductivity	Water	NONE	2510	MB	<5.0	5			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171204
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171204
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Conductivity	Water	NONE	2510	MB	<5.0	5			20171204
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171204
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171204
Chloride	Water	NONE	300	LCS	4.7	1	95		20171204
Conductivity	Water	NONE	2510	LCS	238	5	102		20171204
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20171204
Nitrite as N	Water	NONE	300	LCS	2.31	0.05	92		20171204
pH lab	Water	NONE	4500-H-B	LCS	8.4		100		20171204
Sulfate	Water	NONE	300	LCS	4.86	0.1	97		20171204
Turbidity Lab	Water	NONE	180.1	LCS	6.25	0.1	96		20171204
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	5.87	0.2		1	20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
pH lab	Water	NONE	4500-H-B	DUP	7.2			1	20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MS	15.6	0.5	97		20171204
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	15.6	0.5	97	1	20171204
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171204
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171204
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171204
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.33	0.2	107		20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5080	50	102		20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20171204
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	2.5	94		20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.3	1	91		20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49	0.16	98		20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	91		20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	92		20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	1	96		20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	94		20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	2.5	95		20171204
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.6	2.5	96		20171204
Total Recoverable Mercury	Water	METHOD	7470-A	DUP	<0.20	0.2			20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	2250	10		2	20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	5290	50		1	20171204
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.3	2.5		1	20171204
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.519	0.02		4	20171204
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.6	1		2	20171204
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	3010	100		2	20171204
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9.1	1		3	20171204
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	2.2	1		5	20171204
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171204
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	19.1	2.5		1	20171204
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20171204
Total Recoverable Mercury	Water	METHOD	7470-A	MS	5.31	0.2	106		20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	4220	20	101		20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	6330	50	107		20171204
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	64	2.5	99		20171204
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	0.02	96		20171204
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	17.5	1	88		20171204
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.6	0.16	95		20171204
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	2960	100	-366		20171204
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	31.5	1	91		20171204
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	51.1	1	98		20171204
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.6	0.1	93		20171204
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41	2.5	89		20171204
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	11	2.5	110		20171204
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171204
Hardness, Total	Water	NONE	2340-B	DUP	638	1		2	20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171120
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171120
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171120
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171120
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20171120
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171204
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171204
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171204
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Turbidity Lab	Water	NONE	180.1	LCS	6.25	0.1	96		20171204
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171204
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171204
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2600	50	104		20171204
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20171204
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13200	1000	106		20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	99.8	1	100		20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	0.02	95		20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	1	93		20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.6	0.16	95		20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23	1	92		20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	2.5	94		20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MS	49.9	1	100		20171204
Mercury, Total	Water	METHOD	1631	DMS	50.5	1	101	1	20171204
Mercury, Total	Water	METHOD	1631	QCS	4.92	0.5	98		20171204
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171204
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Chloride	Water	NONE	300	MB	<1.0	1			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171204
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171204
Total Dissolved Solids	Water	NONE	2540-C	LCS	1550	10	94		20171204
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171204
Chloride	Water	NONE	300	LCS	4.7	1	95		20171204
Nitrate as N	Water	NONE	300	LCS	2.37	0.05	95		20171204
Sulfate	Water	NONE	300	LCS	4.86	0.1	97		20171204
Turbidity Lab	Water	NONE	180.1	LCS	6.25	0.1	96		20171204
Total Suspended Solids	Water	NONE	2540-D	LCS	424	20	99		20171204
Chloride	Water	NONE	300	DUP	11.5	5		1	20171204
Nitrate as N	Water	NONE	300	DUP	4.65	0.25		2	20171204
Sulfate	Water	NONE	300	DUP	237	5		1	20171204
Total Dissolved Solids	Water	NONE	2540-C	DUP	675	10		3	20171204
Turbidity Lab	Water	NONE	180.1	DUP	5.68	0.1		5	20171204
Total Suspended Solids	Water	NONE	2540-D	DUP	6.8	1		6	20171204
Chloride	Water	NONE	300	MS	29	10	89		20171204
Nitrate as N	Water	NONE	300	MS	23.6	0.5	94		20171204
Sulfate	Water	NONE	300	MS	434	10	98		20171204
Chloride	Water	NONE	300	DMS	29	10	89	1	20171204
Nitrate as N	Water	NONE	300	DMS	23.7	0.5	95	1	20171204
Sulfate	Water	NONE	300	DMS	435	10	98	1	20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2600	50	104		20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	99.8	1	100		20171204
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.2	0.05	94		20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	0.02	95		20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	1	93		20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.6	0.16	95		20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23	1	92		20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48	1	96		20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	0.1	94		20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	2.5	94		20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	138	50		6	20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	8.7	1		2	20171204
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	22.9	0.05		1	20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	14.4	1		1	20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1190	50	104		20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	102	1	94		20171204
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	121	0.05	98		20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.5	0.02	98		20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12	1	96		20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.4	0.16	97		20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	38.4	1	95		20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.4	1	98		20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.6	1	101		20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.8	0.1	94		20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.1	2.5	96		20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MS	52.9	1	106		20171204
Mercury, Total	Water	METHOD	1631	DMS	52.4	1	105	1	20171204
Mercury, Total	Water	METHOD	1631	QCS	4.92	0.5	98		20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171204
Hardness, Total	Water	NONE	2340-B	DUP	276	1		1	20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171205
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171205
Chloride	Water	NONE	300	MB	<1.0	1			20171205
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171205
Color	Water	NONE	2120-B	MB	<5.0	5			20171205
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171205
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171205
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171205
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171205
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171205
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171205
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171205
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171205
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171205
Total Dissolved Solids	Water	NONE	2540-C	LCS	1520	10	93		20171205
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171205
Chloride	Water	NONE	300	LCS	4.8	1	95		20171205
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.97	0.05	97		20171205
Color	Water	NONE	2120-B	LCS	15	5	100		20171205
Nitrate as N	Water	NONE	300	LCS	2.38	0.05	95		20171205
Sulfate	Water	NONE	300	LCS	4.78	0.1	96		20171205
Turbidity Lab	Water	NONE	180.1	LCS	6.43	0.1	99		20171205
Total Suspended Solids	Water	NONE	2540-D	LCS	402	20	94		20171205
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.94	0.05	94		20171205
Turbidity Lab	Water	NONE	180.1	LCS	6.52	0.1	100		20171205
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.91	0.05	91		20171205
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	<0.10	0.1		NC	20171205
Chloride	Water	NONE	300	DUP	<2.0	2		NC	20171205
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20171205
Color	Water	NONE	2120-B	DUP	15	5		1	20171205
Nitrate as N	Water	NONE	300	DUP	<0.10	0.1		NC	20171205
Sulfate	Water	NONE	300	DUP	3.33	0.2		2	20171205
Turbidity Lab	Water	NONE	180.1	DUP	0.34	0.1		2	20171205
Total Suspended Solids	Water	NONE	2540-D	DUP	9.2	4		1	20171205

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Ammonia as N	Water	METHOD	4500-NH3 G	MS	1.94	0.1	97		20171205
Chloride	Water	NONE	300	MS	8.6	4	107		20171205
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	0.98	0.05	98		20171205
Nitrate as N	Water	NONE	300	MS	7.81	0.2	98		20171205
Sulfate	Water	NONE	300	MS	11	0.4	95		20171205
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	1.95	0.1	97	1	20171205
Chloride	Water	NONE	300	DMS	8.6	4	108	1	20171205
Total Residual Chlorine	Water	NONE	4500-Cl G	DMS	0.98	0.05	98	1	20171205
Nitrate as N	Water	NONE	300	DMS	7.87	0.2	98	1	20171205
Sulfate	Water	NONE	300	DMS	11	0.4	94	1	20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171205
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2570	50	103		20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	90.6	1	91		20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.3	0.02	97		20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.3	1	91		20171205
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	49	0.16	98		20171205
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	91		20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	92		20171205
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	1	96		20171205
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.8	2.5	95		20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	54	50		5	20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	28.3	1		1	20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171205
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171205
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	4.2	1		2	20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171205
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1		NC	20171205

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5		NC	20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1060	50	100		20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	119	1	91		20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.2	0.02	97		20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.7	1	94		20171205
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.7	0.16	97		20171205
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	27.2	1	92		20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23	1	92		20171205
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.3	1	99		20171205
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.8	2.5	95		20171205
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171205
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171205
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171205
Mercury, Total	Water	METHOD	1631	MS	47.5	1	95		20171205
Mercury, Total	Water	METHOD	1631	DMS	47.2	1	94	1	20171205
Mercury, Total	Water	METHOD	1631	QCS	4.83	0.5	97		20171205
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171205
Hardness, Total	Water	NONE	2340-B	DUP	87.9	1		1	20171205
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Chloride	Water	NONE	300	MB	<1.0	1			20171204
Conductivity	Water	NONE	2510	MB	<5.0	5			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171204
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171204
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Conductivity	Water	NONE	2510	MB	<5.0	5			20171204
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171204
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171204
Total Dissolved Solids	Water	NONE	2540-C	LCS	1540	10	94		20171204
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171204
Chloride	Water	NONE	300	LCS	4.8	1	96		20171204
Conductivity	Water	NONE	2510	LCS	238	5	102		20171204
Nitrate as N	Water	NONE	300	LCS	2.4	0.05	96		20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrite as N	Water	NONE	300	LCS	2.32	0.05	93		20171204
pH lab	Water	NONE	4500-H-B	LCS	8.42		100		20171204
Sulfate	Water	NONE	300	LCS	4.86	0.1	97		20171204
Turbidity Lab	Water	NONE	180.1	LCS	6.41	0.1	98		20171204
Sulfate	Water	NONE	300	LCS	4.98	0.1	100		20171204
Sulfate	Water	NONE	300	LCS	5	0.1	100		20171204
Sulfate	Water	NONE	300	DUP	199	5		2	20171204
Sulfate	Water	NONE	300	MS	401	10	99		20171204
Sulfate	Water	NONE	300	DMS	395	10	96	1	20171204
Total Recoverable Mercury	Water	METHOD	7470-A	MB	<0.20	0.2			20171204
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171204
Total Chromium	Water	EPA 3020A	200.8 (W)	MB	<2.5	2.5			20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<10	10			20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171204
Total Recoverable Mercury	Water	METHOD	7470-A	LCS	5.7	0.2	114		20171204
Total Recoverable Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.7	2.5	95		20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	0.02	96		20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	1	94		20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	0.16	96		20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.3	1	97		20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	0.1	94		20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20171204
Total Chromium	Water	EPA 3020A	200.8 (W)	LCS	9.5	2.5	95		20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5250	10	105		20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2550	50	102		20171204
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.955	0.02		1	20171204
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.6	1		1	20171204
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171204
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	295	1		1	20171204
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.8	1		3	20171204
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	1.7	1		1	20171204
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171204
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	91.5	2.5		1	20171204
Total Chromium	Water	EPA 3020A	200.8 (W)	DUP	<2.5	2.5			20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	199	10		1	20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	108	50		4	20171204
Dissolved Arsenic	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.4	2.5	97		20171204
Dissolved Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.4	0.02	98		20171204
Dissolved Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	12.4	1	86		20171204
Dissolved Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.1	0.16	96		20171204
Dissolved Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	315	1	69		20171204
Dissolved Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	28.5	1	86		20171204
Dissolved Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	50.9	1	99		20171204
Dissolved Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.5	0.1	92		20171204
Dissolved Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	114	2.5	87		20171204
Total Chromium	Water	EPA 3020A	200.8 (W)	MS	8.4	2.5	84		20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	2190	10	99		20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1100	50	99		20171204
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171204
Hardness, Total	Water	NONE	2340-B	DUP	252	1		1	20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171204
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171204
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171204
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171204
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171204
Sulfate	Water	NONE	300	LCS	5.06	0.1	101		20171204
Turbidity Lab	Water	NONE	180.1	LCS	6.69	0.1	103		20171204
Total Suspended Solids	Water	NONE	2540-D	LCS	402	20	94		20171204
Nitrate as N	Water	NONE	300	LCS	2.41	0.05	96		20171204
Sulfate	Water	NONE	300	LCS	4.93	0.1	99		20171204
Total Suspended Solids	Water	NONE	2540-D	DUP	<1.0	1		NC	20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171204
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171204
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	0.02	96		20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	1	94		20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	0.16	96		20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.3	1	97		20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	0.1	94		20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2550	50	102		20171204
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20171204
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	QCS	4.87	0.5	97		20171204
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171204
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171204
Turbidity Lab	Water	NONE	180.1	LCS	6.69	0.1	103		20171204
Nitrate as N	Water	NONE	300	LCS	2.41	0.05	96		20171204
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	2.11	0.1		1	20171204
Ammonia as N	Water	METHOD	4500-NH3 G	MS	4.08	0.1	98		20171204
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	4.08	0.1	98	1	20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171204
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171204
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	93.4	1	93		20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	0.02	96		20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.8	1	94		20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.1	0.16	96		20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	1	94		20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.9	2.5	96		20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2550	50	102		20171204
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20171204
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13000	1000	104		20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MS	48.5	1	97		20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	DMS	48.5	1	97	1	20171204
Mercury, Total	Water	METHOD	1631	QCS	4.87	0.5	97		20171204
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171204
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171213
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171213
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171213
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171213
Total Suspended Solids	Water	NONE	2540-D	LCS	396	20	92		20171213
Total Dissolved Solids	Water	NONE	2540-C	DUP	471	10		8	20171213
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171213
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171204
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171204
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171204
Sulfate	Water	NONE	300	LCS	5.06	0.1	101		20171204
Turbidity Lab	Water	NONE	180.1	LCS	6.69	0.1	103		20171204
Nitrate as N	Water	NONE	300	LCS	2.41	0.05	96		20171204
Sulfate	Water	NONE	300	LCS	4.93	0.1	99		20171204
Turbidity Lab	Water	NONE	180.1	DUP	1.26	0.1		1	20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2660	50	106		20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20171204

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	0.02	96		20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.9	0.16	98		20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.7	1	95		20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	0.1	95		20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	153	50		4	20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	6.8	1		1	20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	31.4	1		3	20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171204
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1200	50	104		20171204
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	107	1	101		20171204
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.5	0.02	94		20171204
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	1	95		20171204
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	45.8	0.16	92		20171204
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	54.9	1	98		20171204
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.6	1	95		20171204
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.3	1	97		20171204
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.3	0.1	91		20171204
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	25.1	2.5	101		20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171204
Mercury, Total	Water	METHOD	1631	QCS	4.87	0.5	97		20171204
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171204
Hardness, Total	Water	NONE	2340-B	DUP	256	1		6	20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171213
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171213

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171213
Total Dissolved Solids	Water	NONE	2540-C	LCS	1580	10	96		20171213
Total Suspended Solids	Water	NONE	2540-D	LCS	402	20	94		20171213
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171218
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20171218
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171218
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171218
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20171218
Phosphorus	Water	METHOD	365.3	MB	<0.010	0.01			20171218
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20171218
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171218
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171218
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218
Chlorophyll A	Water	NONE	10200 H	LCS	4170	80	97		20171218
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171218
Total Organic Carbon	Water	NONE	5310-C	LCS	25.3	0.5	105		20171218
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	111	5	91		20171218
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171218
Nitrite as N	Water	NONE	300	LCS	2.34	0.05	93		20171218
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.84	0.2	100		20171218
Phosphorus	Water	METHOD	365.3	LCS	8.1	0.1	94		20171218
Total Organic Carbon	Water	NONE	5310-C	LCS	25.9	0.5	108		20171218
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	120	5	99		20171218
Nitrate as N	Water	NONE	300	LCS	2.41	0.05	96		20171218
Nitrite as N	Water	NONE	300	LCS	2.34	0.05	94		20171218
Total Organic Carbon	Water	NONE	5310-C	LCS	25.3	0.5	106		20171218
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	115	5	95		20171218
Chlorophyll A	Water	NONE	10200 H	DLCS	4110	80	96	1	20171218
Chemical Oxygen Demand	Water	NONE	5220-C	DUP	12.2	5		7	20171218

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DUP	2.8	0.2		8	20171218
Phosphorus	Water	METHOD	365.3	DUP	0.022	0.01		16	20171218
Total Organic Carbon	Water	NONE	5310-C	DUP	3.95	0.5		1	20171218
Total Organic Carbon	Water	NONE	5310-C	DUP	5.06	0.5		3	20171218
Total Organic Carbon	Water	NONE	5310-C	DUP	3.33	0.5		3	20171218
Total Organic Carbon	Water	NONE	5310-C	DUP	2.91	0.5		1	20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MS	116	13	103		20171218
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MS	17.5	0.2	75		20171218
Phosphorus	Water	METHOD	365.3	MS	0.518	0.01	98		20171218
Total Organic Carbon	Water	NONE	5310-C	MS	31.3	0.5	109		20171218
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DMS	21.8	0.2	96	25	20171218
Phosphorus	Water	METHOD	365.3	DMS	0.492	0.01	93	5	20171218
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171218
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20171218
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20171218
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10200	40	102		20171218
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	25200	1000		3	20171218
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	123000	40		2	20171218
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	36000	1000	100		20171218
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	135000	40	86		20171218
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171218
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20171218
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171218
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171218
Phosphorus	Water	METHOD	365.3	MB	<0.010	0.01			20171218
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218
Chlorophyll A	Water	METHOD	10200 H	MB	<0.60	0.6			20171218
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171218
Nitrite as N	Water	NONE	300	MB	<0.050	0.05			20171218
Total Organic Carbon	Water	NONE	5310-C	MB	<0.50	0.5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MB	<5.0	5			20171218

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chlorophyll A	Water	NONE	10200 H	LCS	4170	80	97		20171218
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171218
Total Organic Carbon	Water	NONE	5310-C	LCS	25.3	0.5	105		20171218
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	111	5	91		20171218
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171218
Nitrite as N	Water	NONE	300	LCS	2.34	0.05	93		20171218
Phosphorus	Water	METHOD	365.3	LCS	8.1	0.1	94		20171218
Total Organic Carbon	Water	NONE	5310-C	LCS	25.9	0.5	108		20171218
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	120	5	99		20171218
Nitrate as N	Water	NONE	300	LCS	2.41	0.05	96		20171218
Nitrite as N	Water	NONE	300	LCS	2.34	0.05	94		20171218
Total Organic Carbon	Water	NONE	5310-C	LCS	25.3	0.5	106		20171218
Chemical Oxygen Demand	Water	NONE	5220-C	LCS	115	5	95		20171218
Chlorophyll A	Water	NONE	10200 H	DLCS	4110	80	96	1	20171218
Chemical Oxygen Demand	Water	NONE	5220-C	DUP	12.2	5		7	20171218
Phosphorus	Water	METHOD	365.3	DUP	0.022	0.01		16	20171218
Total Organic Carbon	Water	NONE	5310-C	DUP	3.95	0.5		1	20171218
Total Organic Carbon	Water	NONE	5310-C	DUP	5.06	0.5		3	20171218
Total Organic Carbon	Water	NONE	5310-C	DUP	3.33	0.5		3	20171218
Total Organic Carbon	Water	NONE	5310-C	DUP	2.91	0.5		1	20171218
Chemical Oxygen Demand	Water	NONE	5220-C	MS	116	13	103		20171218
Phosphorus	Water	METHOD	365.3	MS	0.518	0.01	98		20171218
Total Organic Carbon	Water	NONE	5310-C	MS	31.3	0.5	109		20171218
Phosphorus	Water	METHOD	365.3	DMS	0.492	0.01	93	5	20171218
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171218
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<40	40			20171218
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12800	1000	102		20171218
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	10200	40	102		20171218
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	25200	1000		3	20171218
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	123000	40		2	20171218
Total Recoverable Potassium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	36000	1000	100		20171218
Sulfur, Total	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	135000	40	86		20171218
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20180116
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MB	<0.20	0.2			20180116
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.84	0.2	100		20180116
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	LCS	2.76	0.2	97		20180116

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DUP	2.8	0.2		8	20180116
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DUP	4.66	0.2		19	20180116
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MS	17.5	0.2	75		20180116
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	MS	22.2	0.2	83		20180116
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DMS	21.8	0.2	96	25	20180116
Nitrogen, Total Kjeldahl	Water	ASTM D3590-02(2006)(A)	D1426-08B	DMS	22	0.2	82	1	20180116
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171205
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171205
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171205
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171205
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171205
Total Suspended Solids	Water	NONE	2540-D	LCS	404	20	94		20171205
Total Dissolved Solids	Water	NONE	2540-C	DUP	268	10		1	20171205
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171205
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171205
Total Suspended Solids	Water	NONE	2540-D	MB	<5.0	5			20171205
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171205
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171205
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171205
Total Suspended Solids	Water	NONE	2540-D	LCS	404	20	94		20171205
Total Dissolved Solids	Water	NONE	2540-C	DUP	441	10		1	20171205
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171205
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171205
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171205
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171205
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171205
Turbidity Lab	Water	NONE	180.1	LCS	6.54	0.1	100		20171205
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.52	0.1		1	20171205
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.44	0.1	96		20171205
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.48	0.1	98	2	20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171205
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171205
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171205
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2660	50	106		20171205
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	12900	1000	103		20171205
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13300	1000	107		20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	0.02	96		20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20171205
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.9	0.16	98		20171205
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171205
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171205
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171205
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171205
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171205
Mercury, Total	Water	METHOD	1631	QCS	4.87	0.5	97		20171205
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171205
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171205
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171205
Chloride	Water	NONE	300	MB	<1.0	1			20171205
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171205
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171205
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171205
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171205
Chloride	Water	NONE	300	LCS	4.9	1	98		20171205
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171205
Sulfate	Water	NONE	300	LCS	4.92	0.1	98		20171205
Turbidity Lab	Water	NONE	180.1	LCS	6.54	0.1	100		20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171205

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171205
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171205
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2660	50	106		20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20171205
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	96.3	0.05	96		20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	0.02	96		20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20171205
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.9	0.16	98		20171205
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171205
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.7	1	95		20171205
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.9	0.1	95		20171205
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	155	50		6	20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	5.4	1	5	4	20171205
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	20.9	0.05	21	3	20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02	0		20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1	3		20171205
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16	0		20171205
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	26.6	1	106	3	20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1	3		20171205
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1	1		20171205
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1	0		20171205
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5	1		20171205
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1190	50	104		20171205
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	105	1	100		20171205
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	116	0.05	96		20171205
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.3	0.02	93		20171205
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	1	95		20171205
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.2	0.16	92		20171205
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	49.1	1	93		20171205
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.1	1	96		20171205
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.7	1	95		20171205

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.4	0.1	92		20171205
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.6	2.5	98		20171205
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171205
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171205
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171205
Mercury, Total	Water	METHOD	1631	QCS	4.87	0.5	97		20171205
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171205
Hardness, Total	Water	NONE	2340-B	DUP	269	1		7	20171205
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171212
Chloride	Water	NONE	300	MB	<1.0	1			20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171212
Color	Water	NONE	2120-B	MB	<5.0	5			20171212
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171212
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171212
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Chloride	Water	NONE	300	MB	<1.0	1			20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171212
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171212
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171212
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171212
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20171212
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171212
Chloride	Water	NONE	300	LCS	4.9	1	98		20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.02	0.05	102		20171212
Color	Water	NONE	2120-B	LCS	15	5	100		20171212
Nitrate as N	Water	NONE	300	LCS	2.44	0.05	97		20171212
Sulfate	Water	NONE	300	LCS	5	0.1	100		20171212
Turbidity Lab	Water	NONE	180.1	LCS	6.52	0.1	100		20171212
Total Suspended Solids	Water	NONE	2540-D	LCS	402	20	94		20171212
Chloride	Water	NONE	300	LCS	4.9	1	97		20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.98	0.05	98		20171212
Nitrate as N	Water	NONE	300	LCS	2.44	0.05	98		20171212
Sulfate	Water	NONE	300	LCS	4.99	0.1	100		20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	DUP	<0.050	0.05		NC	20171212

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Residual Chlorine	Water	NONE	4500-Cl G	MS	0.98	0.05	98		20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	DMS	0.98	0.05	98	1	20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171212
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2660	50	106		20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	0.02	96		20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.9	0.16	98		20171212
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171212
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.7	1	95		20171212
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	MS	48.8	1	98		20171212
Mercury, Total	Water	METHOD	1631	DMS	49.2	1	98	1	20171212
Mercury, Total	Water	METHOD	1631	QCS	4.88	0.5	98		20171212
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171212
Chloride	Water	NONE	300	MB	<1.0	1			20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171212
Color	Water	NONE	2120-B	MB	<5.0	5			20171212
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171212
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171212
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Chloride	Water	NONE	300	MB	<1.0	1			20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171212
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171212
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171212
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171212
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20171212
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171212
Chloride	Water	NONE	300	LCS	4.89	1	98		20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	1.02	0.05	102		20171212
Color	Water	NONE	2120-B	LCS	15	5	100		20171212
Nitrate as N	Water	NONE	300	LCS	2.44	0.05	97		20171212
Sulfate	Water	NONE	300	LCS	5	0.1	100		20171212
Turbidity Lab	Water	NONE	180.1	LCS	6.52	0.1	100		20171212
Total Suspended Solids	Water	NONE	2540-D	LCS	402	20	94		20171212
Chloride	Water	NONE	300	LCS	4.87	1	97		20171212
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.98	0.05	98		20171212
Nitrate as N	Water	NONE	300	LCS	2.44	0.05	98		20171212
Sulfate	Water	NONE	300	LCS	4.99	0.1	100		20171212
Chloride	Water	NONE	300	DUP	<1.0	1		NC	20171212
Nitrate as N	Water	NONE	300	DUP	0.212	0.05		2	20171212
Sulfate	Water	NONE	300	DUP	1.51	0.1		4	20171212
Turbidity Lab	Water	NONE	180.1	DUP	0.89	0.1		2	20171212
Chloride	Water	NONE	300	MS	4.3	2	107		20171212
Nitrate as N	Water	NONE	300	MS	4.18	0.1	99		20171212
Sulfate	Water	NONE	300	MS	5.45	0.2	97		20171212
Chloride	Water	NONE	300	DMS	4.3	2	108	1	20171212
Nitrate as N	Water	NONE	300	DMS	4.22	0.1	100	1	20171212
Sulfate	Water	NONE	300	DMS	5.56	0.2	100	2	20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171212
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2660	50	106		20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	103	1	103		20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.1	0.02	96		20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	12.3	1	99		20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	48.9	0.16	98		20171212
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.2	1	97		20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	1	98		20171212
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.7	1	95		20171212
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	24.5	2.5	98		20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	QCS	5.12	0.5	102		20171212
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171212
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171204
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171204
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171204
Nitrate as N	Water	NONE	300	LCS	2.47	0.05	99		20171204
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171212
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171212
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20171212
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171212
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171212
Total Suspended Solids	Water	NONE	2540-D	LCS	414	20	97		20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171212
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171212
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171212
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171212
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.62	0.5	94		20171212
Nitrate as N	Water	NONE	300	LCS	2.47	0.05	99		20171212
Turbidity Lab	Water	NONE	180.1	LCS	6.38	0.1	98		20171212
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20171212
Turbidity Lab	Water	NONE	180.1	DUP	0.14	0.1		6	20171212
Total Suspended Solids	Water	NONE	2540-D	DUP	78	4		6	20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171212
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171212
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171212
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2660	50	106		20171212
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13100	1000	105		20171212
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	13500	1000	108		20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.6	1	95		20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	0.02	94		20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	1	93		20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	0.16	94		20171212
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	1	91		20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171212
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	2.5	91		20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	106	50		5	20171212
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	5100	1000		4	20171212
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	15700	1000		2	20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	1140	50	103		20171212
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	15300	1000	100		20171212
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	25700	1000	97		20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Mercury, Total	Water	METHOD	1631	QCS	5.12	0.5	102		20171212
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171212
Hardness, Total	Water	NONE	2340-B	DUP	167	1		3	20171212
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171212
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	53.1	1		2	20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171212
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171212
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171212
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171212
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Total Dissolved Solids	Water	NONE	2540-C	LCS	1620	10	99		20171212
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.66	0.5	95		20171212
Nitrate as N	Water	NONE	300	LCS	2.47	0.05	99		20171212
Sulfate	Water	NONE	300	LCS	4.93	0.1	99		20171212
Turbidity Lab	Water	NONE	180.1	LCS	6.38	0.1	98		20171212
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20171212
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.44	0.1		1	20171212
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.47	0.1	102		20171212
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.45	0.1	101	1	20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171212
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171212
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171212
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171212
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	2660	50	106		20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	94.6	1	95		20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.5	0.02	94		20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.6	1	93		20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.2	0.16	94		20171212

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.8	1	91		20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.2	1	93		20171212
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	46.2	1	92		20171212
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.4	0.1	92		20171212
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	2.5	91		20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	4.3	1		18	20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171212
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	19.2	1		3	20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171212
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171212
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171212
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171212
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	93.4	1	90		20171212
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.4	0.02	93		20171212
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.4	1	91		20171212
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.1	0.16	92		20171212
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.8	1	88		20171212
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.4	1	90		20171212
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.7	1	93		20171212
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.3	0.1	90		20171212
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	22.5	2.5	90		20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171212
Mercury, Total	Water	METHOD	1631	QCS	5.12	0.5	102		20171212
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171212
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171212
Total Dissolved Solids	Water	NONE	2540-C	LCS	1510	10	92		20171212
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20171212
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171211
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171211
Total Dissolved Solids	Water	NONE	2540-C	LCS	1510	10	92		20171211
Total Suspended Solids	Water	NONE	2540-D	LCS	428	20	100		20171211

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Dissolved Solids	Water	NONE	2540-C	DUP	413	10		2	20171211
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171211
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171207
Chloride	Water	NONE	300	MB	<1.0	1			20171207
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171207
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171207
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171207
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.6	0.5	94		20171207
Chloride	Water	NONE	300	LCS	4.9	1	98		20171207
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171207
Sulfate	Water	NONE	300	LCS	5.09	0.1	102		20171207
Turbidity Lab	Water	NONE	180.1	LCS	7.1	0.1	109		20171207
Ammonia as N	Water	METHOD	4500-NH3 G	DUP	1.41	0.1		1	20171207
Ammonia as N	Water	METHOD	4500-NH3 G	MS	3.43	0.1	101		20171207
Ammonia as N	Water	METHOD	4500-NH3 G	DMS	3.41	0.1	100	1	20171207
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171207
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171207
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.050	0.05			20171207
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171207
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171207
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171207
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171207
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171207
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171207
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.10	0.1			20171207
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171207
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	1040	50	104		20171207
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.4	1	92		20171207
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	91.7	0.05	92		20171207
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.6	0.02	94		20171207
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	1	93		20171207
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.4	0.16	95		20171207
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.5	1	90		20171207
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	92		20171207
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.5	1	95		20171207
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.4	0.1	91		20171207

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20171207
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	90	50		1	20171207
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	3.8	1		12	20171207
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	18	0.05		1	20171207
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.020	0.02			20171207
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171207
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171207
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	17.9	1		1	20171207
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171207
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171207
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.10	0.1			20171207
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171207
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	491	50	100		20171207
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	95.5	1	91		20171207
Total Recoverable Barium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	114	0.05	96		20171207
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24	0.02	96		20171207
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.9	1	95		20171207
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	46.6	0.16	93		20171207
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	41.1	1	92		20171207
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.4	1	94		20171207
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.7	1	97		20171207
Total Recoverable Silver	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.6	0.1	93		20171207
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.6	2.5	94		20171207
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171207
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171207
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171207
Mercury, Total	Water	METHOD	1631	QCS	5.27	0.5	105		20171207
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171207
Hardness, Total	Water	NONE	2340-B	DUP	259	1		5	20171207
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171207
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171207
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171207
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.6	0.5	94		20171207
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171207
Turbidity Lab	Water	NONE	180.1	LCS	7.1	0.1	109		20171207
Turbidity Lab	Water	NONE	180.1	DUP	0.24	0.1		22	20171207

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171207
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171207
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<1000	1000			20171207
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171207
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171207
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171207
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171207
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171207
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171207
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171207
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	1040	50	104		20171207
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5100	1000	101		20171207
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	5200	1000	104		20171207
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.4	1	92		20171207
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.6	0.02	94		20171207
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	1	93		20171207
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.4	0.16	95		20171207
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.5	1	90		20171207
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	92		20171207
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20171207
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	109	50		4	20171207
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	5100	1000		2	20171207
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	DUP	17400	1000		1	20171207
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	9	1		1	20171207
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	0.028	0.02			20171207
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171207
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<0.16	0.16			20171207
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	25.8	1		3	20171207
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<1.0	1			20171207
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	<2.5	2.5			20171207
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	511	50	100		20171207
Total Recoverable Magnesium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	8500	1000	83		20171207
Total Recoverable Sodium	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MS	21000	1000	93		20171207
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	100	1	91		20171207
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23.2	0.02	93		20171207
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	11.8	1	94		20171207

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	45.4	0.16	91		20171207
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	48.4	1	94		20171207
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	23	1	92		20171207
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	24.3	2.5	97		20171207
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171207
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171207
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171207
Mercury, Total	Water	METHOD	1631	QCS	5.27	0.5	105		20171207
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171207
Hardness, Total	Water	NONE	2340-B	DUP	170	1		1	20171207
Sulfate as SO4	Water	NONE	200.7 (W)	MB	<1	1			20171207
Sulfate as SO4	Water	NONE	200.7 (W)	DUP	56.7	1		1	20171207
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171213
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171213
Chloride	Water	NONE	300	MB	<1.0	1			20171213
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171213
Color	Water	NONE	2120-B	MB	<5.0	5			20171213
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171213
Sulfate	Water	NONE	300	MB	<0.10	0.1			20171213
Turbidity Lab	Water	NONE	180.1	MB	<0.10	0.1			20171213
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171213
Total Residual Chlorine	Water	NONE	4500-Cl G	MB	<0.050	0.05			20171213
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171213
Total Dissolved Solids	Water	NONE	2540-C	LCS	1560	10	95		20171213
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.67	0.5	95		20171213
Chloride	Water	NONE	300	LCS	4.91	1	98		20171213
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.92	0.05	92		20171213
Color	Water	NONE	2120-B	LCS	15	5	100		20171213
Nitrate as N	Water	NONE	300	LCS	2.43	0.05	97		20171213
Sulfate	Water	NONE	300	LCS	4.98	0.1	100		20171213
Turbidity Lab	Water	NONE	180.1	LCS	7.09	0.1	109		20171213
Total Suspended Solids	Water	NONE	2540-D	LCS	410	20	96		20171213
Total Residual Chlorine	Water	NONE	4500-Cl G	LCS	0.86	0.05	86		20171213
Total Dissolved Solids	Water	NONE	2540-C	DUP	498	10		6	20171213
Color	Water	NONE	2120-B	DUP	10	5		1	20171213
Turbidity Lab	Water	NONE	180.1	DUP	0.35	0.1		10	20171213

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Suspended Solids	Water	NONE	2540-D	DUP	<4.0	4		NC	20171213
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	MB	<50	50			20171213
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171213
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20171213
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171213
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.16	0.16			20171213
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171213
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171213
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171213
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<2.5	2.5			20171213
Total Recoverable Iron	Water	EPA CLP-METALS ILM04.0	200.7 (W)	LCS	1040	50	104		20171213
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.4	1	92		20171213
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.6	0.02	94		20171213
Total Recoverable Copper	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	11.7	1	93		20171213
Total Recoverable Lead	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.4	0.16	95		20171213
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.5	1	90		20171213
Total Recoverable Nickel	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.9	1	92		20171213
Total Recoverable Selenium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	47.5	1	95		20171213
Total Recoverable Zinc	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.1	2.5	93		20171213
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171213
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171213
Mercury, Total	Water	METHOD	1631	MB	<1	1			20171213
Mercury, Total	Water	METHOD	1631	QCS	5.66	0.5	113		20171213
Hardness, Total	Water	NONE	2340-B	MB	<1	1			20171213
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20171215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.4	1	93		20171215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	DUP	25.4	1		3	20171215
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MS	47.7	1	92		20171215
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20180103
Sulfate	Water	NONE	300	MB	<0.10	0.1			20180103
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20180103
Total Dissolved Solids	Water	NONE	2540-C	LCS	1570	10	96		20180103
Sulfate	Water	NONE	300	LCS	4.95	0.1	99		20180103
Sulfate	Water	NONE	300	DUP	3.07	0.2		1	20180103
Sulfate	Water	NONE	300	MS	10.7	0.4	95		20180103
Sulfate	Water	NONE	300	DMS	10.8	0.4	96	1	20180103

Analyte	Matrix	Prep	Method	QC Type	Result	MRL	Recovery	RPD	Date
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180103
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<0.020	0.02			20180103
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	MB	<1.0	1			20180103
Total Recoverable Aluminum	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	92.4	1	92		20180103
Total Recoverable Cadmium	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	23.6	0.02	94		20180103
Total Recoverable Manganese	Water	EPA CLP-METALS ILM04.0	200.8 (W)	LCS	22.5	1	90		20180103
Total Dissolved Solids	Water	NONE	2540-C	MB	<10	10			20171214
Total Suspended Solids	Water	NONE	2540-D	MB	<4.0	4			20171214
Total Dissolved Solids	Water	NONE	2540-C	LCS	1610	10	98		20171214
Total Suspended Solids	Water	NONE	2540-D	LCS	418	20	97		20171214
Total Dissolved Solids	Water	NONE	2540-C	DUP	303	10		2	20171214
Ammonia as N	Water	METHOD	4500-NH3 G	MB	<0.10	0.1			20171218
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171218
Nitrate as N	Water	NONE	300	MB	<0.050	0.05			20171218
Ammonia as N	Water	METHOD	4500-NH3 G	LCS	9.52	0.5	93		20171218
Nitrate as N	Water	NONE	300	LCS	2.44	0.05	97		20171218
Nitrate as N	Water	NONE	300	LCS	2.44	0.05	98		20171218

Appendix D

SURFACE STABILITY EVALUATION

Location Name: Plot 1 Date 5/13/17 Data Collector(s) D. S. Brown

Aspect:

Slope (degree):

Photographs taken: (Y) Photograph notes:

Comments:

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)												
Soil Movement	<u>Y</u>	<u>3</u>	<u>14</u>	<p>1) Observe the total sample area and determine the average condition. 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present). 3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature. 4) Total both the weighted values and the possible values. 5) Calculate the Total percent SSF: (identified factors / possible factors) x 100 6) Write the total percent and corresponding condition class in the box below.</p> <table border="0"> <tr> <td>SSF Range</td> <td>Class</td> </tr> <tr> <td>1-20%</td> <td>Stable</td> </tr> <tr> <td>21-40%</td> <td>Slight</td> </tr> <tr> <td>41-60%</td> <td>Moderate</td> </tr> <tr> <td>61-80%</td> <td>Critical</td> </tr> <tr> <td>81-100%</td> <td>Severe</td> </tr> </table>	SSF Range	Class	1-20%	Stable	21-40%	Slight	41-60%	Moderate	61-80%	Critical	81-100%	Severe
SSF Range	Class															
1-20%	Stable															
21-40%	Slight															
41-60%	Moderate															
61-80%	Critical															
81-100%	Severe															
Surface Litter	<u>Y</u>	<u>0</u>	<u>14</u>													
Surface Rock Fragments	<u>Y</u>	<u>6</u>	<u>14</u>													
Pedestals	<u>Y</u>	<u>0</u>	<u>14</u>													
Flow Patterns	<u>Y</u>	<u>3</u>	<u>15</u>													
Rills	<u>Y</u>	<u>0</u>	<u>14</u>													
Gullies	<u>Y</u>	<u>0</u>	<u>15</u>													
TOTAL		<u>12</u>	<u>100</u>	<p>SSF % and Class: <u>12%</u> <u>Stable</u></p>												

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

KC HARVEY ENVIRONMENTAL, LLC

Qualitative Monitoring

Site Name: Plot 1 Date: 8/31/17
 Data Collector(s): P. Smith Slope(%) / Aspect: /
 Vegetation

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover
Grass	3									
Forb	401									
Shrub	1									
Total	4									
Weed	1									
Cover Crop	1									
Rock	87									
Litter	1									
Bare Ground	6									
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring Methods

Seedling Count ☐ Yes ☒ No

Canopy Cover ☐ Yes ☐ No

Mulch ☐ None ☒ Fiber

Grazing ☐ Wildlife ☐ Livestock ☐ Both

Severity ☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

SURFACE STABILITY EVALUATION

Location Name: PLOT 2

Date 5/31/17

Data Collector(s) P. STROU

Photographs taken: (Y) N

(circle one)

Aspect:

Slope (degree):

Photograph notes:

Comments:

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)
Soil Movement	Y	3	14	<p>1) Observe the total sample area and determine the average condition.</p> <p>2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present).</p> <p>3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature.</p> <p>4) Total both the weighted values and the possible values.</p> <p>5) Calculate the Total percent SSF: (identified factors / possible factors) x 100</p> <p>6) Write the total percent and corresponding condition class in the box below.</p> <div style="display: flex; justify-content: space-between;"> <div> <p><u>SSF Range</u></p> <p>1-20% 21-40% 41-60% 61-80% 81-100%</p> </div> <div> <p><u>Class</u></p> <p>Stable Slight Moderate Critical Severe</p> </div> </div>
Surface Litter	Y	6	14	
Surface Rock Fragments	Y	5	14	
Pedestals	Y	0	14	
Flow Patterns	Y	3	15	
Rills	Y	0	14	
Gullies	Y	0	15	<p>SSF % and Class:</p> <p><u>17%</u> <u>Stable</u></p>
TOTAL		<u>17</u>	<u>100</u>	

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

KC HARVEY
ENVIRONMENTAL, LLC

KC HARVEY ENVIRONMENTAL, LLC

Qualitative Monitoring

Site Name: Plot 2 Date: 5/31/17
 Data Collector(s): _____ Slope(°)/Aspect: 1
 Vegetation _____

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover
Grass	6									
Forb	—									
Shrub	—									
Total	6	—	—	—	—		—	—	—	—
Weed	—									
Cover Crop	—	—	—	—	—	—	—	—	—	—
Rock	18	—	—	—	—		—	—	—	—
Litter	1	—	—	—	—		—	—	—	—
Bare Ground	69	—	—	—	—		—	—	—	—
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring Methods

Seeding Count ☐ Yes ☐ No

Canopy Cover ☐ Yes ☐ No

Mulch ☒ None ☐ Fiber

Grazing ☐ Wildlife ☐ Livestock ☐ Both

Severity ☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

SURFACE STABILITY EVALUATION

Location Name:

Plot 3

Date 5/31/17

Data Collector(s)

P. STROUS

Photographs taken:

(circle one)

Photograph notes:

Aspect:

Slope (degree):

Comments:

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)
Soil Movement	Y	3	14	<p>1) Observe the total sample area and determine the average condition.</p> <p>2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present).</p> <p>3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature.</p> <p>4) Total both the weighted values and the possible values.</p> <p>5) Calculate the Total percent SSF: (identified factors / possible factors) x 100</p> <p>6) Write the total percent and corresponding condition class in the box below.</p> <div style="display: flex; justify-content: space-between;"> <div> <p>SSF Range</p> <p>1-20% Stable</p> <p>21-40% Slight</p> <p>41-60% Moderate</p> <p>61-80% Critical</p> <p>81-100% Severe</p> </div> <div> <p>SSF % and Class:</p> <p>23% Slight</p> </div> </div>
Surface Litter	Y	3	14	
Surface Rock Fragments	Y	2	14	
Pedestals	Y	3	14	
Flow Patterns	Y	6	15	
Rills	Y	3	14	
Gullies	Y	3	15	
TOTAL		23	100	

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: PLOT 3

Date: 5/31/17

Data Collector(s): P. S. Brown

Slope(°)/Aspect: 1

Vegetation

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover
Grass	12									
Forb	12									
Shrub	—									
Total	24	—	—	—	—		—	—	—	—
Weed	0									
Cover Crop	—	—	—	—	—	—	—	—	—	—
Rock	25	—	—	—	—		—	—	—	—
Litter	1	—	—	—	—		—	—	—	—
Bare Ground	56	—	—	—	—		—	—	—	—
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Additional Monitoring Methods

Seeding Count

☐ Yes
☒ No

Canopy Cover

☐ Yes
☒ No

Mulch

☒ None
☐ Fiber

Grazing

☐ Wildlife
☐ Livestock
☐ Both

Severity

☐ None 0-5%
☐ Low 5-40%
☐ Moderate 40-60%
☐ Heavy 60-100%

Relative % Cover 24 (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

SURFACE STABILITY EVALUATION

Date 7/28/17

Data Collector(s) M. Arnold

Location Name:

Plot 1 (North)

Photographs taken:

0 N

Aspect:

Slope (degree):

Photograph notes:

Comments:

Site Data

Site Stabilization Data

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)
Soil Movement	y	2	14	1) Observe the total sample area and determine the average condition. 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present).
Surface Litter	y	3	14	3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature.
Surface Rock Fragments	y	5	14	4) Total both the weighted values and the possible values.
Pedestals	y	3	14	5) Calculate the Total percent SSF: (identified factors / possible factors) x 100
Flow Patterns	y	1	15	6) Write the total percent and corresponding condition class in the box below.
Rills	y	2	14	SSF Range 1-20% Class 21-40% Stable 41-60% Slight 61-80% Moderate 81-100% Critical Severe
Gullies	y	3	15	
TOTAL		19	100	SSF % and Class: <u>19%</u>

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: Plot 1 (North)

Date: 7/28/17

Data Collector(s): M. Arnold

Slope(%) / Aspect: /

Vegetation

Reclamation Trial						Reference Site					
	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	
Grass	5										
Forb	0										
Shrub	0										
Total	5										
Weed	0										
Cover Crop	5										
Rock	55										
Litter	1										
Bare Ground	39										
Other Species:											
Grass											
Forb											
Shrub											
Weed											

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring Methods

Seeding Count ☐ Yes ☐ No

Canopy Cover ☐ Yes ☐ No

Mulch

☐ None ☐ Fiber

Grazing

☐ Wildlife ☐ Livestock ☐ Both

Severity

☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

SURFACE STABILITY EVALUATION

Date **7/28/17**

Data Collector(s) **M. Arnold**

Site Data

Location Name:

Plot 2 (middle)

Photographs taken:

(A)

N

Aspect:

Slope (degree):

(circle one)

Photograph notes:

Comments:

Site Stabilization Data

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed) 1) Observe the total sample area and determine the average condition. 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present). 3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature. 4) Total both the weighted values and the possible values. 5) Calculate the Total percent SSF: (identified factors / possible factors) x 100 6) Write the total percent and corresponding condition class in the box below.
Soil Movement	y	2	14	<p>SSF Range</p> <p>1-20% Stable</p> <p>21-40% Slight</p> <p>41-60% Moderate</p> <p>61-80% Critical</p> <p>81-100% Severe</p>
Surface Litter	y	3	14	
Surface Rock Fragments	y	5	14	
Pedestals	y	3	14	
Flow Patterns	y	2	15	
Rills	y	3	14	<p>SSF % and Class:</p> <p>16%</p>
Gullies	N	0	15	
TOTAL		18	100	

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: Plot 2 (middle)

Date: 7/28/17

Data Collector(s): M. Arnold

Slope(%) / Aspect: 1

Vegetation

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover
Grass	10									
Forb	0									
Shrub	15 5									
Total	15	--	--	--	--					
Weed	0									
Cover Crop	15	--	--	--	--					
Rock	35	--	--	--	--					
Litter	2	--	--	--	--					
Bare Ground	12	--	--	--	--					
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Additional Monitoring Methods

Seedling Count ☐ Yes ☐ No

Canopy Cover ☐ Yes ☐ No

Mulch

☐ None ☐ Fiber

Grazing

☐ Wildlife ☐ Livestock ☐ Both

Severity

☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

SURFACE STABILITY EVALUATION

Date **7/28/17**

Data Collector(s) **M. Arnold**

Location Name:

Plot 3 (South)

Photographs taken:

0

N

(circle one)

Aspect:

Slope (degree):

Photograph notes:

Comments:

Site Stabilization Data

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR
Soil Movement	y	#3	14
Surface Litter	y	2	14
Surface Rock Fragments	y	5	14
Pedestals	y	6	14
Flow Patterns	y	3	15
Rills	y	2	14
Gullies	y	2	15
TOTAL		23	100

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

Procedure: (refer to Erosion Condition Classification System publication if needed)

1) Observe the total sample area and determine the average condition.

2) Determine if each item is potentially present.

Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present).

3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature.

4) Total both the weighted values and the possible values.

5) Calculate the Total percent SSF: (identified factors / possible factors) x 100

6) Write the total percent and corresponding condition class in the box below.

SSF Range

1-20%

Class
Stable

21-40%

Slight

41-60%

Moderate

61-80%

Critical

81-100%

Severe

SSF % and Class:

23%

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Qualitative Monitoring

Site Name: Plot 3 (South)

Date: 7/28/17

Data Collector(s): M. Arnold

Slope(%) / Aspect: /

Vegetation

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover
Grass	35									
Forb	5									
Shrub	40									
Total	50	—	—	—	—					
Weed	0									
Cover Crop	50	—	—	—	—					
Rock	15	—	—	—	—					
Litter	0	—	—	—	—					
Bare Ground	5	—	—	—	—					
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring Methods

Seedling Count ☐ Yes ☐ No

Canopy Cover ☐ Yes ☐ No

Mulch

☐ None ☐ Fiber

Grazing

☐ Wildlife ☐ Livestock ☐ Both

Severity

☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

1702

1

(cyclic oils)

Photograph notes:

Procedure: (refer to Erosion Condition Classification System publication if needed)

- Observe the total sample area and determine the average condition.
- Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present).
- For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature.
- Total both the weighted values and the possible values.
- Calculate the Total percent SSF: (identified factors / possible factors) x 100
- Write the total percent and corresponding condition class in the box below.

SSF Range	Class
1-20%	Stable
21-40%	Slight
41-60%	Moderate
61-80%	Critical
81-100%	Severe

SSF % and Class: 2/8 5-7822

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Qualitative Monitoring

Site Name: Plot 1 Date: 8/31/12
 Data Collector(s): P. S. Johnson Slope(%) / Aspect: 1
 Vegetation

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover
Grass	10									
Forb	5									
Shrub	5									
Total	20									
Weed										
Cover Crop										
Rock	40									
Litter										
Bare Ground	40									
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring Methods

Seedling Count ☐ Yes ☐ No

Canopy Cover ☐ Yes ☐ No

Mulch ☐ None ☒ Fiber

Grazing ☐ Wildlife ☐ Livestock ☐ Both

Severity ☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

SURFACE STABILITY EVALUATION

Date 8/31/17

Data Collector(s) P. S. [Signature]

Location Name: Plot 2

Photographs taken: (Y)

N

Aspect:

Slope (degree):

(circle one)

Photograph notes:

Comments:

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)
Soil Movement	0	←→ YLS	14	1) Observe the total sample area and determine the average condition. 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present).
Surface Litter	6	YLS	14	3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature.
Surface Rock Fragments	2	YLS	14	4) Total both the weighted values and the possible values.
Pedestals	0	YLS	14	5) Calculate the Total percent SSF: (identified factors / possible factors) x 100
Flow Patterns	2	YLS	15	6) Write the total percent and corresponding condition class in the box below.
Rills	0	YLS	14	SSF Range 1-20% 21-40% 41-60% 61-80% 81-100%
Gullies	0	YLS	15	Class Stable Slight Moderate Critical Severe
TOTAL	8		100	SSF % and Class: <u>8%</u> <u>Stable</u>

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: PLOT 2 Date: 8/31/17
 Data Collector(s): P. STORZ Slope(%) / Aspect: 1

Vegetation

	Reclamation Trial					Reference Site				
	Total Follar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover	Total Follar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover
Grass	30									
Forb	5									
Shrub	0									
Total	35	--	--	--	--		--	--	--	--
Weed										
Cover Crop		--	--	--	--		--	--	--	--
Rock	40	--	--	--	--		--	--	--	--
Litter		--	--	--	--		--	--	--	--
Bare Ground	25	--	--	--	--		--	--	--	--
Other Species:										
Grass										
Forb										
Shrub										
Weed										

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring Methods

Seeding Count ☐ Yes ☐ No

Canopy Cover ☐ Yes ☐ No

Mulch
☐ None
☐ Fiber

Grazing
☐ Wildlife
☐ Livestock
☐ Both

Severity
☐ None 0-5%
☐ Low 5-40%
☐ Moderate 40-60%
☐ Heavy 60-100%

SURFACE STABILITY EVALUATION

Date 8/31/17

Data Collector(s) P. STONE

Location Name: Plot 3

Photographs taken: (Y) N

Aspect:

Slope (degree):

(circle one)
Photograph notes:

Comments:

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)												
Soil Movement	<u>Yes</u>	<u>0</u>	<u>14</u>	<p>1) Observe the total sample area and determine the average condition. 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present). 3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature. 4) Total both the weighted values and the possible values. 5) Calculate the Total percent SSF: (identified factors / possible factors) x 100 6) Write the total percent and corresponding condition class in the box below.</p> <table border="1"> <thead> <tr> <th>SSF Range</th> <th>Class</th> </tr> </thead> <tbody> <tr> <td>1-20%</td> <td>Stable</td> </tr> <tr> <td>21-40%</td> <td>Slight</td> </tr> <tr> <td>41-60%</td> <td>Moderate</td> </tr> <tr> <td>61-80%</td> <td>Critical</td> </tr> <tr> <td>81-100%</td> <td>Severe</td> </tr> </tbody> </table>	SSF Range	Class	1-20%	Stable	21-40%	Slight	41-60%	Moderate	61-80%	Critical	81-100%	Severe
SSF Range	Class															
1-20%	Stable															
21-40%	Slight															
41-60%	Moderate															
61-80%	Critical															
81-100%	Severe															
Surface Litter	<u>Yes</u>	<u>3</u>	<u>14</u>													
Surface Rock Fragments	<u>Yes</u>	<u>2</u>	<u>14</u>													
Pedestals	<u>Yes</u>	<u>0</u>	<u>14</u>													
Flow Patterns	<u>Yes</u>	<u>3</u>	<u>15</u>													
Rills	<u>Yes</u>	<u>0</u>	<u>14</u>													
Gullies	<u>Yes</u>	<u>0</u>	<u>15</u>													
TOTAL		<u>8</u>	<u>100</u>	<p>SSF % and Class: <u>8% Stable</u></p>												

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: PLOT 3

Date: 8/31/17

Data Collector(s): 8/31/17 P. STAN

Slope(%) / Aspect: 1

Vegetation

	Reclamation Trial						Reference Site					
	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	Species 4/ % Cover	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	Species 4/ % Cover
Grass	15											
Forb	—											
Shrub	20											
Total	15	—	—	—	—	—		—	—	—	—	—
Weed	—											
Cover Crop	—	—	—	—	—	—		—	—	—	—	—
Rock	40	—	—	—	—	—		—	—	—	—	—
Litter	5	—	—	—	—	—		—	—	—	—	—
Ground	20	—	—	—	—	—		—	—	—	—	—
Other Species:												
Grass							Grass					
Forb							Forb					
Shrub							Shrub					
Weed							Weed					

Additional Monitoring Methods

Seedling Count ☐ Yes ☒ No

Canopy Cover ☐ Yes ☒ No

Mulch ☒ None ☐ Fiber

Grazing ☐ Wildlife ☐ Livestock ☐ Both

Severity ☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

Relative % C (Disturbed Total (Grass+Forb+Shrub)) / (Undisturbed Total (Grass+Forb+Shrub))

SURFACE STABILITY EVALUATION

Location Name:

Date 4/24/17

Data Collector(s) P. S. New

Photographs taken: (circle one)

(Y) N

Aspect:

S152 1 N085 11

Slope (degree):

Photograph notes:

Comments:

EROSION FEATURE

POTENTIALLY PRESENT (Yes or No)

IDENTIFIED FACTORS

POSSIBLE FACTOR

Soil Movement

Yes

0

14

Surface Litter

3

14

Surface Rock Fragments

2

14

Pedestals

0

14

Flow Patterns

0

15

Rills

0

14

Gullies

0

15

TOTAL

5

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

Procedure: (refer to Erosion Condition Classification System publication if needed)

- 1) Observe the total sample area and determine the average condition.
- 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out not present items).
- 3) For items potentially present, review the Erosion Condition Class (Soil Surface Erosion) sheet and assign a numerical value to each erosion feature.
- 4) Total both the weighted values and the possible values.
- 5) Calculate the Total percent SSF: (identified factors / possible factors) x 100
- 6) Write the total percent and corresponding condition class in the box below.

SSF Range	Class
1-20%	Stable
21-40%	Slight
41-60%	Moderate
61-80%	Critical
81-100%	Severe

SSF % and Class:

5% Stable

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Qualitative Monitoring

Site Name: 5021 N015H

Date: 9/24/17

Data Collector(s): P. S. Moran

Slope(%) / Aspect: 1

Vegetation

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover
Grass	10									
Forb	1									
Shrub	5									
Total	15									
Weed										
Cover Crop										
Rock										
Litter	5									
Bare Ground										
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Additional Monitoring Methods

Seedling Count ☐ Yes ☒ No

Canopy Cover ☐ Yes ☒ No

Mulch ☐ None ☒ Fiber

Grazing ☐ Wildlife ☐ Livestock ☐ Both

Severity ☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

SURFACE STABILITY EVALUATION

Location Name:

51522 M'DBL

Date 9/24/17

Data Collector(s)

P. S. Brown

Photographs taken:

Y

N

Aspect:

Slope (degree):

(circle one)
Photograph notes:

Comments:

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)
Soil Movement	3	← 1/45	14	1) Observe the total sample area and determine the average condition. 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present).
Surface Litter	3		14	3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature.
Surface Rock Fragments	2		14	4) Total both the weighted values and the possible values.
Pedestals	0		14	5) Calculate the Total percent SSF: (identified factors / possible factors) x 100
Flow Patterns	3		15	6) Write the total percent and corresponding condition class in the box below.
Rills	0		14	SSF Range 1-20% Stable 21-40% Slight 41-60% Moderate 61-80% Critical 81-100% Severe
Gullies	0		15	
TOTAL	11			SSF % and Class: 11 57.27%

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: 5174 2 (MIDOLK) Date: 9/24/17
 Data Collector(s): D. S. Mow Slope(%) / Aspect: 1
 Vegetation

Reclamation Trial						Reference Site					
	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	
Grass	15										
Forb											
Shrub	5										
Total	20										
Weed											
Cover Crop											
Rock	70										
Litter	5										
Bare Ground	5										
Other Species:						Other Species:					
Grass						Grass					
Forb						Forb					
Shrub						Shrub					
Weed						Weed					

Additional Monitoring Methods

Seedling Count ☐ Yes ☒ No

Canopy Cover ☐ Yes ☒ No

Mulch

☒ None
☐ Fiber

Grazing

☐ Wildlife
☐ Livestock
☐ Both

Severity

☐ None 0-5%
☐ Low 5-40%
☐ Moderate 40-60%
☐ Heavy 60-100%

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

SURFACE STABILITY EVALUATION

Date 11/4/17

Data Collector(s) P. Stevens

Location Name:

PLOT 1 (WOODS)

Photographs taken: (circle one)

Y

N

Aspect:

Slope (degree):

Photograph notes:

Comments:

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)												
Soil Movement	<u>Yes</u>	<u>0</u>	<u>14</u>	<p>1) Observe the total sample area and determine the average condition. 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present). 3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature. 4) Total both the weighted values and the possible values. 5) Calculate the Total percent SSF: (identified factors / possible factors) x 100 6) Write the total percent and corresponding condition class in the box below.</p> <table border="0"> <tr> <td>SSF Range</td> <td>Class</td> </tr> <tr> <td>1-20%</td> <td>Stable</td> </tr> <tr> <td>21-40%</td> <td>Slight</td> </tr> <tr> <td>41-60%</td> <td>Moderate</td> </tr> <tr> <td>61-80%</td> <td>Critical</td> </tr> <tr> <td>81-100%</td> <td>Severe</td> </tr> </table>	SSF Range	Class	1-20%	Stable	21-40%	Slight	41-60%	Moderate	61-80%	Critical	81-100%	Severe
SSF Range	Class															
1-20%	Stable															
21-40%	Slight															
41-60%	Moderate															
61-80%	Critical															
81-100%	Severe															
Surface Litter	<u>Yes</u>	<u>3</u>	<u>14</u>													
Surface Rock Fragments	<u>Yes</u>	<u>2</u>	<u>14</u>													
Pedestals	<u>Yes</u>	<u>0</u>	<u>14</u>													
Flow Patterns	<u>Yes</u>	<u>0</u>	<u>15</u>													
Rills	<u>Yes</u>	<u>0</u>	<u>14</u>													
Gullies	<u>Yes</u>	<u>0</u>	<u>15</u>	<p>SSF % and Class:</p>												
TOTAL		<u>5</u>														

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: Site 1 (2087H) Date: 11/4/17
 Data Collector(s): P.S. POU Slope(%) / Aspect: 1
 Vegetation

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover
Grass	5									
Forb										
Shrub	5									
Total										
Weed	410									
Cover Crop										
Rock	80									
Litter	5									
Bare Ground	5									
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring Methods

Seeding Count ☐ Yes ☐ No

Canopy Cover ☐ Yes ☐ No

Mulch

☐ None ☐ Fiber

Grazing

☐ Wildlife ☐ Livestock ☐ Both

Severity

☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

SURFACE STABILITY EVALUATION

Location Name:

Plot 2 (Middle)

Date 11/4/17

Data Collector(s)

P. S. Green

Aspect:

Slope (degree):

Photographs taken: (circle one)

Photograph notes:

Comments:

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)												
Soil Movement	Yes	0	14	<p>1) Observe the total sample area and determine the average condition.</p> <p>2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present).</p> <p>3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature.</p> <p>4) Total both the weighted values and the possible values.</p> <p>5) Calculate the Total percent SSF: (identified factors / possible factors) x 100</p> <p>6) Write the total percent and corresponding condition class in the box below.</p> <table border="1"> <thead> <tr> <th>SSF Range</th> <th>Class</th> </tr> </thead> <tbody> <tr> <td>1-20%</td> <td>Stable</td> </tr> <tr> <td>21-40%</td> <td>Slight</td> </tr> <tr> <td>41-60%</td> <td>Moderate</td> </tr> <tr> <td>61-80%</td> <td>Critical</td> </tr> <tr> <td>81-100%</td> <td>Severe</td> </tr> </tbody> </table>	SSF Range	Class	1-20%	Stable	21-40%	Slight	41-60%	Moderate	61-80%	Critical	81-100%	Severe
SSF Range	Class															
1-20%	Stable															
21-40%	Slight															
41-60%	Moderate															
61-80%	Critical															
81-100%	Severe															
Surface Litter	Yes	3	14													
Surface Rock Fragments	Yes	2	14													
Pedestals	Yes	0	14													
Flow Patterns	Yes	6	15													
Rills	Yes	0	14													
Gullies	Yes	0	15													
TOTAL		5	100	<p>SSF % and Class:</p> <p>5% Stable</p>												

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: Site 2 (M, DCL)

Data Collector(s): P. STRAW

Date: 11/4/17

Vegetation

Slope(%) / Aspect: 1

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover	Total Foliar Cover	Species 1/ % Cover	Species 2/ % Cover	Species 3/ % Cover	Species 4/ % Cover
Grass	10									
Forb										
Shrub	5									
Total	15	--	--	--	--		--	--	--	--
Weed	15									
Cover Crop		--	--	--	--	--	--	--	--	--
Rock	60	--	--	--	--		--	--	--	--
Litter	5	--	--	--	--		--	--	--	--
Bare Ground	5	--	--	--	--		--	--	--	--
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring Methods

Seeding Count ☐ Yes ☒ No

Canopy Cover ☐ Yes ☒ No

Mulch ☐ None ☐ Fiber

Grazing ☐ Wildlife ☐ Livestock ☐ Both

Severity ☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%

M35

Long-term care and maintenance plan

SURFACE STABILITY EVALUATION

Location Name:

Plot 3 South

Date 11/4/17

Data Collector(s)

P. S. Brown

Photographs taken:

(Y)

N

Aspect:

Slope (degree):

(circle one)

Photograph notes:

Comments:

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)
Soil Movement	Yes	0	14	1) Observe the total sample area and determine the average condition. 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present).
Surface Litter	Yes	3	14	3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature.
Surface Rock Fragments	Yes	2	14	4) Total both the weighted values and the possible values.
Pedestals	Yes	0	14	5) Calculate the Total percent SSF: (identified factors / possible factors) x 100
Flow Patterns	Yes	0	15	6) Write the total percent and corresponding condition class in the box below.
Rills	Yes	0	14	SSF Range 1-20% Stable 21-40% Slight 41-60% Moderate 61-80% Critical 81-100% Severe
Gullies	Yes	0	15	
TOTAL		5	100	SSF % and Class: 57%

Comments (When applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: Plot 3 (South)

Date: 11/4/17

Data Collector(s): P. Simon

Slope(%) / Aspect: 1

Vegetation

	Reclamation Trial						Reference Site					
	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover	Species 4/ %Cover	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover	Species 4/ %Cover
Grass	15											
Forb	—											
Shrub	5											
Total	20	—	—	—	—	—		—	—	—	—	—
Weed	15											
Cover Crop		—	—	—	—	—		—	—	—	—	—
Rock	20	—	—	—	—	—		—	—	—	—	—
Litter	20	—	—	—	—	—		—	—	—	—	—
Bare Ground	5	—	—	—	—	—		—	—	—	—	—
Other Species:							Other Species:					
Grass							Grass					
Forb							Forb					
Shrub							Shrub					
Weed							Weed					

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring

Seeding Count

☒ Yes
☐ No

Canopy Cover

☐ Yes
☒ No

Infection

☒ None
☐ Fiber

Grazing

☐ Wildlife
☐ Livestock
☐ Both

Severity

☐ None 0-5%
☐ Low 5-40%
☐ Moderate 40-60%
☐ Heavy 60-100%

SURFACE STABILITY EVALUATION

Date 9/24/17

Data Collector(s) P. S. Johnson

Site Data

Location Name:

Site 3

(50077)

Photographs taken:

Y

N

Aspect:

Slope (degree):

Photograph notes:

Comments:

Site Stabilization Data

EROSION FEATURE	POTENTIALLY PRESENT (Yes or No)	IDENTIFIED FACTORS	POSSIBLE FACTOR	Procedure: (refer to Erosion Condition Classification System publication if needed)
Soil Movement	3	← Y43	14	1) Observe the total sample area and determine the average condition. 2) Determine if each item is potentially present. Only the potentially present items will be considered in the total calculation (cross out pre-entered possible factor # if it is not potentially present). 3) For items potentially present, review the Erosion Condition Class (Soil Surface Factor) sheet and assign a numerical value to each erosion feature. 4) Total both the weighted values and the possible values. 5) Calculate the Total percent SSF: (identified factors / possible factors) x 100 6) Write the total percent and corresponding condition class in the box below.
Surface Litter	3		14	
Surface Rock Fragments	0		14	
Pedestals	0		14	
Flow Patterns	3		15	
Rills	0		14	
Gullies	0		15	
TOTAL	9			SSF % and Class: 90% Stable

Comments (when applicable, include information on width, depth, uniformity, number per m² or height):

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Qualitative Monitoring

Site Name: 8 SITE 3 50617

Date: 4/24/17

Data Collector(s): D. SPOON

Slope(%) / Aspect: 1

Vegetation

	Reclamation Trial					Reference Site				
	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover	Total Foliar Cover	Species 1/ %Cover	Species 2/ %Cover	Species 3/ %Cover	Species 4/ %Cover
Grass	20									
Forb	20									
Shrub	30									
Total		--	--	--	--		--	--	--	--
Weed	15									
Cover Crop		--	--	--	--		--	--	--	--
Rock	20	--	--	--	--		--	--	--	--
Litter	15	--	--	--	--		--	--	--	--
Bare Ground		--	--	--	--		--	--	--	--
Other Species:						Other Species:				
Grass						Grass				
Forb						Forb				
Shrub						Shrub				
Weed						Weed				

Relative % Cover _____ (Disturbed Total (Grass+Forb+Shrub))/(Undisturbed Total (Grass+Forb+Shrub))

Additional Monitoring Methods

Seeding Count ☐ Yes ☒ No

Canopy Cover ☐ Yes ☒ No

Mulch ☒ None ☐ Fiber

Grazing ☐ Wildlife ☐ Livestock ☐ Both

Severity ☐ None 0-5% ☐ Low 5-40% ☐ Moderate 40-60% ☐ Heavy 60-100%